

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# USEFUL TABLES.

Number of Plants Produced from One Ounce of Seed as follows:

	Plants.
Asparagus.....	about 500
Broccoli.....	" 2,000
Cabbage.....	" 3,000
Cauliflower.....	" 4,000
Celery.....	" 4,000
Egg Plant.....	" 1,000
Endive.....	" 3,000

	Plants.
Kale.....	about 2,000
Leek.....	" 1,000
Lettuce.....	" 3,000
Pepper.....	" 2,000
Sage.....	" 1,000
Tomato.....	" 3,000
Thyme.....	" 5,000

Number of Plants to the Acre at the following distances apart:

Distances apart.	No. of plants to Acre.
1 ft. by 1 ft.....	43,560
1½ " 1½ ".....	19,360
2 " 1 ".....	21,780
2 " 2 ".....	10,898
2½ " 2½ ".....	6,969
3 " 1 ".....	14,520
3 " 2 ".....	7,260
3 " 3 ".....	4,840
4 " 4 ".....	2,722
5 " 5 ".....	1,742

Distances apart.	No. of plants to Acre.
6 ft. by 6 ft.....	1,210
8 " 8 ".....	680
9 " 9 ".....	637
10 " 10 ".....	435
12 " 12 ".....	302
15 " 15 ".....	193
18 " 18 ".....	134
20 " 20 ".....	103
25 " 25 ".....	70
30 " 30 ".....	48

Quantity of seeds required for a given number of Plants, or number of Hills or length of Drills.

Asparagus.....	1 oz. to 60 ft. drill
Beets.....	1 oz. to 50 ft. drill
Beans, dwarf.....	1 qt. to 150 hills
Beans, Pole.....	1 qt. to 100 hills
Carrot.....	1 oz. to 150 ft. drill
Cucumber.....	1 lb. per acre
Corn.....	1 qt. to 400 hills
Watermelon.....	1 oz. to 30 hills
Muskmelon.....	1 oz. to 60 hills
Onion.....	1 oz. to 100 feet drill

Parsnip.....	1 oz. to 100 ft. drill
Peas.....	1 qt. to 100 ft. drill
Pumpkin.....	2 qts. per acre
Radish.....	1 oz. to 100 ft. drill
Sage.....	1 oz. to 100 ft. drill
Salsify, or V. Oysters.....	1 oz. to 70 ft. drill
Spinach.....	1 oz. to 100 ft. drill
Squash, early.....	1 oz. to 50 hills
Squash, Marrow, 2½ lb. per acre.....	1 oz. to 16 hills
Turnip.....	1 oz. to 150 ft. drill

Seed Sown per Acre.	Weight per bu.
Timothy, ¼ to ½ bush.....	42 to 44 lbs
Clover, Red, 10 to 15 lbs.....	60 lbs
Clover, Alsike, 5 to 10 lbs.....	60 lbs
Clover, Crimson, 15 lbs.....	60 lbs
Lucerne, or Alfalfa, 15 to 20 lbs.....	60 lbs
Red Top, 2 to 2½ bush.....	14 lbs
Blue Grass, 2 bush.....	14 lbs
Orchard Grass, 2 bush.....	14 lbs
Yellow Sand Clover, 10 to 15 lbs.....	60 lbs
White Clover, 6 to 10 lbs.....	60 lbs
Sweet Vernal, 1 to 1½ bush.....	10 lbs
Millet, ½ to ¾ bush.....	50 lbs
Hungarian, ½ to ¾ bush.....	48 lbs
Wheat, 2 bush.....	60 lbs
Buckwheat, ¾ to 1 bush.....	48 to 50 lbs
Rye, 1 to 2 bush.....	56 lbs

Seed Sown per Acre.	Weight per bu.
Oats, 2 to 3 bush.....	32 lbs
Oats, Winter, 1½ bush.....	32 lbs
Barley, 2 bush.....	48 lbs
Flax Seed, 6 qt.....	56 lbs
Corn, ¼ bu.....	56 to 60 lbs
Potatoes, 6 bush.....	62 lbs
Sweet Corn, ¼ bush.....	about 50 lbs
Peas, 2½ to 3 bush.....	60 lbs
Beans, 1 to 1½ bush.....	62 lbs
Pumpkin, Seed.....	27 lbs
Turnip, 1 lb.....	
Spinach, 8 lb.....	42 lbs
Beet, 4 to 6 lbs.....	
Parsnip, 3 to 5 lbs.....	
Carrot, 2½ to 3 lbs.....	20 lbs
Onion, 5 to 6 lbs.....	56 lbs

Average Vitality of Seed. Based on Perfect Stock:

GOOD FOR ONE YEAR—Leek, Onion, Parsnip.  
GOOD FOR TWO YEARS—Beans, Carrots, Egg Plant, Okra, Peas, Pepper, Rhubarb, Sage, Salsify, Thyme.  
GOOD FOR THREE YEARS—Asparagus, En-

dive, Lettuce, Parsley, Radish, Spinach  
GOOD FOR FOUR YEARS—Broccoli, Cabbage, Cauliflower, Celery, Turnip.  
GOOD FOR FIVE YEARS—Beet, Cucumber, Melon, Pumpkin, Squash, Tomato.

February.	April.
Sow in Hot-Bed.	Sow in Hot-Bed.
Broccoli,	Cucumber,
Early Cabbage,	Egg-Plant,
Forcing Carrot,	Melon,
Early Celery,	Pepper,
Cucumber,	Tomato.
Egg Plant,	Sow in Open Ground.
Early Lettuce,	Peas,
Parsley,	Potatoes,
Pepper,	Radish,
Radish,	Spinach.
Tomato.	

March.	May.
Sow in Hot-Bed.	Sow in Open Ground.
Early Beet,	Artichoke,
Broccoli,	Asparagus,
Brussels Sprouts,	Beans,
Early Cabbage,	Beet,
Forcing Carrot,	Broccoli,
Cauliflower,	Brussels Sprouts,
Celery,	Late Cabbage,
Cucumber,	Carrot,
Lettuce,	Cauliflower,
Melon,	Celery,
Pepper,	Sweet Corn,
Radish,	Cress,
Tomato.	Cucumber,
	Kale,
	Kohlrabi,

June.	September.
Sow in Open Ground.	Sow in Open Ground.
Beans, Lima, and all other sorts.	Cabbage for Cold Frames,
Beet,	Cauliflower for Cold Frames,
Broccoli,	Tuberous Chervil,
Brussels Sprouts,	Corn Salad,
Early Cabbage,	Cress,
Carrot,	Siberian Kale,
Cauliflower,	Lettuce,
Sweet Corn,	Mustard,
Cress,	Winter Radish,
Cucumber,	Spinach,
Endive,	Turnip.



Relay Special, \$100.



Relay Ladies' Wheel, \$90.00

WE WILL  
SAVE YOU  
MONEY ....

## Talking Points

... OF....

## Relay Bicycles.

SEEING  
... IS ...

BELIEVING.



... Relay Front Hub ...

- 1ST. VISIBLE BALL BEARINGS—allowing rider to examine bearings without danger of Balls Falling Out. Wheel need not be taken out of frame. Oil can be put directly on the balls.
- 2ND. REAR ADJUSTING FORK—enables the rider to take the rear wheel out without taking the chain apart.
- 3RD. REINFORCED FRAME—Outside reinforcements which the rider can see.
- 4TH. FOUR COLORS OF ENAMEL—Black, Carmine, French Grey and Royal Blue.
- 5TH. ADJUSTABLE T SEAT POST.
- 6TH. ADJUSTABLE HANDLE BARS.
- 7TH. 5-16 IN. BALLS.
- 8TH. MACHINES NICELY STRIPED.

## THE RELAY LINE.

	PRICE			PRICE
Relay Special Flyer, weight about 20 lbs.,	\$100.00	Relay Model "C"	" " 25 lbs.,	65 00
Relay Special, " " 20 lbs.,	100.00	Relay Ladies'	" " 23 lbs.,	90.00
Relay Model "A" " " 22 lbs.,	85.00	Relay Tandem,	" " 38 lbs.,	150.00
Relay Model "B" " " 24 lbs.,	75.00			

F. H. EBELING, AGENT, SYRACUSE, N. Y.

## ... ESTABLISHED 1868 ...

We present our Twenty-sixth Annual Illustrated Catalogue containing a list of things necessary for the Garden, Lawn, Green House, Dairy, Poultry Yard, etc., also call attention to our tin shop where everything in the line of tin work is promptly done. We are better prepared than ever to meet the full requirements of our seed trade. and thank our friends for past favors and patronage.

Unsern vielen Freunden und Gönnern erbieten wir hiermit Gruß und wünschen Allen Gesundheit, Wohlergehen und Prosperität!

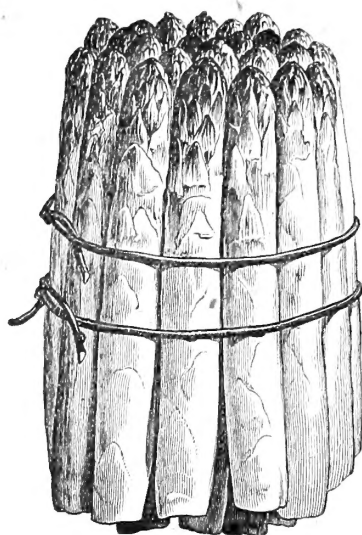
Wir lenken Ihre Aufmerksamkeit auf die in diesem unserem Catalog für das Jahr 1896 aufgezeichneten großen Varietäten von Saamenarten.

Derselbe enthält eine vollkommene Liste der auserlesenen Sorten frischer Garten-, Feld- und Blumen-Saamen, von den besten und erfahrendsten Kunstgärtnern in diesem Lande und in Europa mit der größten Sorgfalt für unser Geschäft besonders auserlesen. Alles was im Garten u. auf dem Felde gebraucht wird, ist bei uns zu haben. In Verbindung mit unserem Laden haben wir auch zur Bequemlichkeit unserer Kunden eine Blech- u. Klempner-Werkstätte eingerichtet. Die vieljährige Erfahrung im Saamengeschäfte macht es uns möglich, unsere Kunden prompt und auf's Reellste zu bedienen. Herr F. H. Ebeling, der Eigenthümer, macht es sich zur besondern Aufgabe, alle seine werthen deutschen Kunden in ihrer Muttersprache zu bedienen und es ist sein stetiges Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundschaft und ihr Wohlwollen zu erwerben und zu erhalten.

Der Perry Saamen-Laden,

F. H. Ebeling, Eigenthümer.

217 Warrenstraße, Syracuse, N. Y., (dem neuen Postamt gegenüber.)



ASPARAGUS.



ECLIPSE BEET.

**Asparagus, Spargel.**

Per oz. Per lb.

Barr's Mammoth.....	\$0 10	\$0 75
Palmetto, "new" true stock.....	10	75
Conover's Colossal.....	10	40
Moore's Cross Bred, Roots per 100.....	\$1 00	
Roots of other varieties, per 100.....	1 00	
Pride of New Jersey, Roots.....	1 25	

**Beet, Runkel Rube.**

Per oz. Per lb.

Electric, turnip red, very early, small tops.....	\$ 10	\$1 00
Columbia, turnip dk. red, very early.....	10	1 00
Crosby's Egyptian Beet, very early Forcing.....	10	75
Edmand's Ex. Early.....	10	60
Arlington "new".....	10	60
Early Bastian or Lentz.....	10	60
Eclipse Beet.....	10	60
Egyptian Turnip, extra early.....	10	60
Bassano, early.....	10	60
Dewing's Ex. early blood Turnip Beet.....	10	60
Lentz or Bastian.....	10	60
Ne Plus Ultra, Dark Foliage.....	15	1 00
Improved Long Blood.....	10	60
Mammoth Long Red Mangel.....	10	50
White Sugar, Fred Knaurer's variety.....	10	30
Yellow Mammoth or Intermediate.....	10	40
Yellow Ovid Giant.....	10	35
Yellow Globe, Mangel.....	10	45
Golden Tankard.....	10	45
Taber's Gate Post, new mangel.....	10	40
Swiss Chard, for greens.....	10	60

**BIRD SEED, Etc.**

Canary, best grades only, per lb.....	10 cents.
Parrot Seed, ".....	10 "
Hemp, re-cleaned, ".....	10 "
Unhulled Rice, ".....	10 "
Sunflower, ".....	10 "
Rape, ".....	10 "
Millet, ".....	10 "
Maw, ".....	25 "
Silver Washed Gravel, per package.....	10 "
Mocking Bird Food, per bottle.....	30 "
Bird Song Restorer, per bottle.....	25 "
Shepard's Song Restorer.....	25 "
Audubon's Iron Bird Tonic.....	25 "
McAllister's Mocking Bird Food.....	30 "
McAllister's Bird Lice Destroyer.....	25 "
Lettuce Seed for Birds, per oz.....	10 "
Red Peppers.....	
Cuttle Bone, per oz.....	05 "

Bone Mills See Page 57.

\* ————— **BARGAINS IN PLOWS** ————— \*

Giant Beggar Weed on Page 54.

Bei uns wird Deutsch Gesprochen.

Flower Seeds see Pages 21-34.

**Beans, (Bush,) Garten Bohne,**

Add 18 cents per quart for Beans by mail.

	Per qt.	Per bu.
Valentine Wax, new bush	\$0 60	\$12 00
Ferry's Detroit Wax	30	4 00
Flageolet Wax	35	6 00
Wardwell's Kidney Wax	35	6 00
White Wax, flat yellow pods	30	6 00
Black Wax, yellow pods	30	5 00
Golden Wax, improved	25	4 00
Golden Eyed Wax	30	5 00
Early Refugee Wax	35	6 00
Early Stanton	20	3 50
Early Long Yellow, six weeks	25	4 00
Burpee's Bush, Lima, large		
as common Lima, new	50	10 00
Henderson's Bush Lima	30	5 00
Dwarf Sieva, (Henderson's		
Bush Lima)	30	6 00
Dwarf Horticultural	30	5 00
Improved Valentine	25	4 25
Mohawk, one of the earliest	30	4 25
China Red Eye	20	4 00
Refugee, picking bean	25	3 50
Best of All	25	4 50
White Kidney	20	2 50
White Marrow	20	2 50
Jackson Wonder Bean, 15 cts. per packet.		

**Borecole or Kale.** See Kale or Borecole

	Per oz.	Per lb.
Green Curled Scotch or sea		
Kale	\$0 10	\$2 00
Cabbage, brown or green	10	1 00



True Erfurt Cauliflower.

**Beans, (Pole or Runners), Bohne.**

	Per qt.	Per bu.
Dreer's Golden Cluster Wax	\$0 40	\$8 00
Black Wax, yellow pod	30	6 00
Giant Wax	40	8 00
Lazy Wife, pole	25	6 00
Rogers' Lima Wax, new, per		
pkt 15 cts.		
Early Jersey Lima, "new"	40	8 00
Washington Market Lima	40	8 00
Ford's Mammoth Pod Lima	40	8 00
Large White Lima	40	8 00
Sieva Lima, small	40	7 00
Platt's King of the Garden		
Lima	40	8 00
Cranberry, Speckled or Goose		
Egg	30	6 00
Case Knife, white, flat, string		
or dry bean	30	6 00
Scarlet Runner	40	8 00
White Runner, fine shell		
beans	40	8 00
Brown Windsor	60	

**Broccoli, Spargel-Kohl.**

Early, large (French)	per oz.	30
South Hampton	"	30

**Broom Corn.**

	Per bu.
Evergreen or Dwarf	4 00

**Brussels Sprouts.**

	Per oz.	Per lb.
Gruener Kopfkohl		
Dwarf, Fine French	\$0 20	\$2 25

**Cauliflower, Blumen-Kohl**

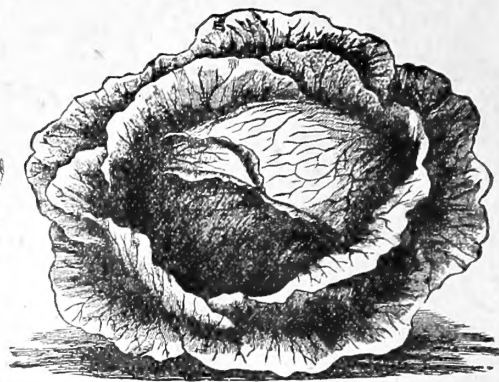
	Per oz.
Long Island Beauty	\$2 00
Snowball, extra small leaf, fine	3 00
Dwarf Erfurt, first quality, true	3 00
Half Early Paris, large and fine	
heads	75
Lenormand's, extra large	75
Favorite	2 00

**Giant Beggar Weed for Fodder.** See Page 54.

... See Flower Seeds, pp. 21 to 34 ...



JERSEY WAKEFIELD.



PREMIUM BRUNSWICK, SHORT STEM.

**CABBAGE, Kopf-Kohl,**

	Per oz.	Per lb.		Per oz.	Per lb.
Etampes, early, pointed head	\$0 30	\$2 00	Extra Flat Dutch	\$0 25	\$1 50
Henderson, early summer	25	2 50	Perry's Premium Flat Dutch	30	3 00
Winnigstadt, heads hard, early	25	2 00	Drumhead (Improved)	25	2 00
Filderkraut	25	2 00	Early, Dark Red, Pointed	25	2 00
Sure Head Cabbage	25	2 00	Red Dutch, "Erfurt"	25	3 00
Gregory's All Season	25	2 00	Large Red Drumhead	25	3 00
Early Jersey, Wakefield	30	3 00	Large Auber Savoy, new	30	3 00
Succession	30	3 00	Globe Savoy, new	25	2 50
Early Ox Heart, French	25	2 00	Victoria Savoy	30	3 00
Perry's Premium Brunswick	30	2 50	Stonemason Drumhead	25	2 50
Fotler Brunswick	25	2 00	Marblehead Mammoth	20	1 50
Danish Ball Head, new	40	3 50	Bergen, large, very fine	30	3 00
Hollander	30	3 00	Warren Stonemason	30	3 00
			Allen's Faultless, new	30	3 00

**CELERY, Seleri.**

	Per oz.	¼ lb.	Per lb.
Henderson's Pink Plume, new, crisp, rich, long keeping	\$0 40	\$	\$3 50
Self-Blanching or White Plume, best	30	75	2 00
Kalamazoo, large ribbed	30	75	1 50
Paris Golden Yellow, large, self-blanching, choice	40	1 00	3 50
Giant Paschal, large ribbed	20	60	2 00
White Giant, solid	20	60	2 00
Boston Market	20	60	2 00
Dwarf Crimson	30	75	3 00
Red Giant, new	40	1 00	4 00
Perfection Hartwell	30	75	3 00
Sandringham Dwarf, white	20	60	2 00
Golden Heart, Half Dwarf	20	60	2 00
Crawford's Half Dwarf	20	60	2 00
Celeriac, Root Celery, new, apple shape	25	50	2 00
Soup	05	20	40

**CHICCORY, Chicorie.**

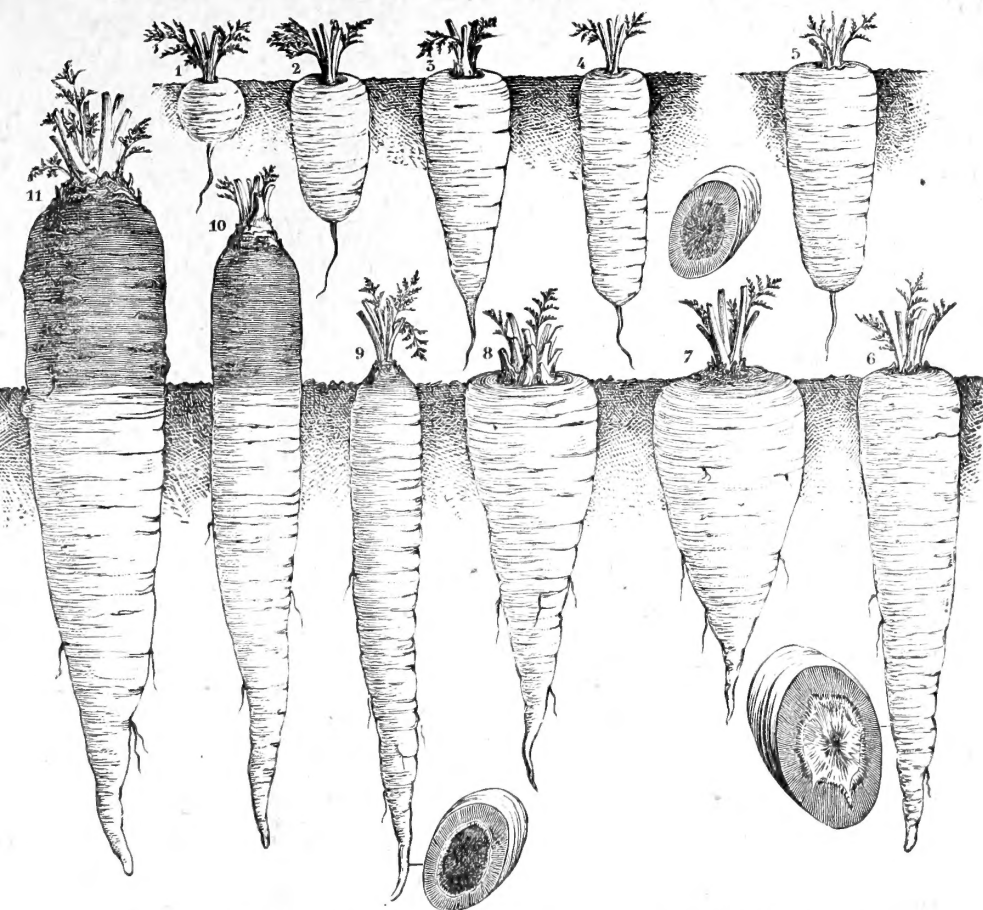
	Per oz.	Per lb.
Improved, large leaves for greens	\$0 15	\$1 00
Large rooted for Coffee	15	1 00

**Good Seed and Fertilizer make fine Lawns. We can supply both.**

Bone Mills for Poultry. See page 57.

**Fungoid prevents blight and kills potato bugs.**





THIS CUT SHOWS THE TRUE SHAPE OF CARROTS.

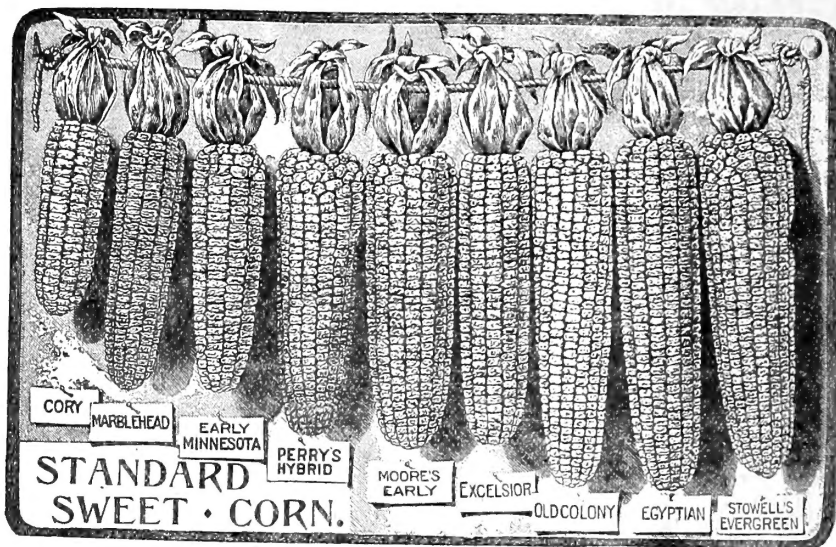
**CARROT, *Gelbe Ruben*.**

	Per oz.	Per lb.
Oxheart (or Guerande).....	\$0 10	\$0 85
No. 1, Early Forcing, nearly round.....	10	85
" 2, Early Horn.....	10	65
" 3, Half Long Scarlet, pointed.....	10	85
" 4, Half Long Nantes.....	10	85
" 5, Half Long Danvers.....	10	60
" 6, Long Orange, below ground.....	10	75
" 7, Large White Vosges, for cattle.....	10	65
" 8, Half Long Pointed, James' new.....	10	65
" 9, Altringham, red, for butter.....	10	80
" 10, Long Orange, green top.....	10	85
" 11, Large White Belgian.....	10	65
" 12, Chantenay, Half Long.....	10	85
" 13, Meaux Long, stump rooted.....	10	85

**Call for our Plant Food, Lawn Seed and Lawn Dressing.**

Bei uns wird Deutsch Gesprochen.

**Bargains in Plows.**



## Seed Field Corn.



## Corn. Korn.

Add 16 cents per quart by mail.

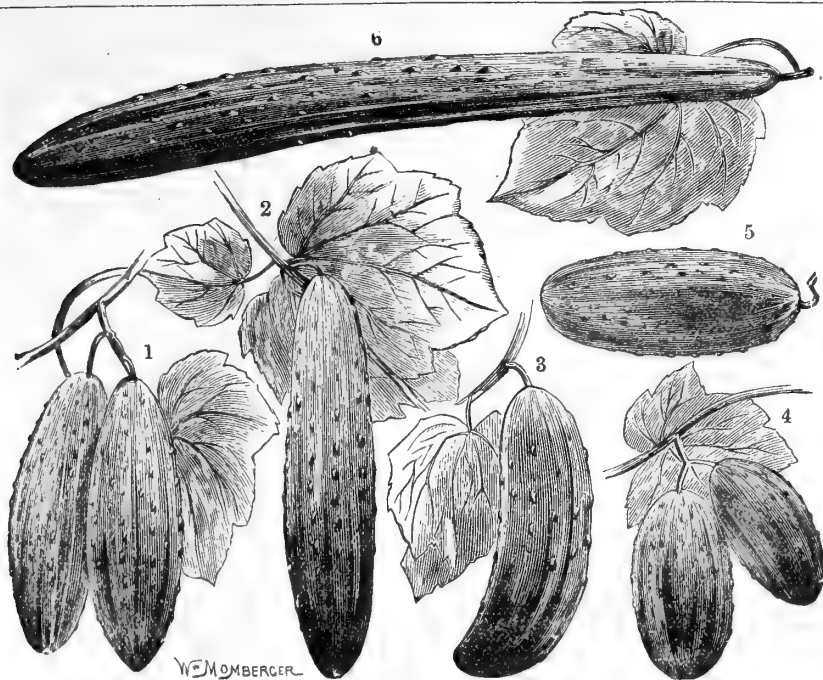
Per qt. Per bu.

Clark's None Such, large, early	\$0 30	\$4 00
Ne Plus Ultra, new, small, very sweet	30	4 00
Cory Corn, earliest	20	3 25
White Cory	20	3 50
Marblehead, extra early	20	3 50
Perry's Hybrid, large, early, 12-rowed	20	3 00
Gold Coin, 12-rowed, yellow	20	3 00
Early Minnesota	20	3 00
Crosby Early	20	3 25
Ballard's Red Cob	20	3 00
Moore's Early Concord	20	3 00
Asylum, large, fine	20	3 50
Shaker's, large, early	20	2 50
Egyptian, large, late	20	3 00
Stowell's Evergreen, extra fine, true	20	2 50
Shoe Peg Evergreen, Ne Plus Ultra	20	4 00
Mexican Black	20	3 00
Hickox's Improved Sugar	20	3 25
Potter's Excelsior	20	3 25
Mammoth Sugar	20	3 00
	10	1 50
Rice Pop Corn		
Best varieties field corn, per lb. 3 cents on ear.		
Angel of Midnight Corn	Shelled	1 50
Eight-Rowed White Flint	"	1 50
Pride of the North	"	1 00
Leaming, Early Fodder Corn	"	1 00
Our genuine "Sou" Fodder Corn	"	1 00
Evergreen Sweet Corn for Fodder	"	1 50
W. & B. Ensilage Corn	"	1 00

Per oz. Per lb.

Corn Salad, Ackersalat. Large Round Leaved or Small Seeded	\$0 15	\$1 00
Chervil, Gartenkerbel. Curled	20	2 00
Cress or Peppergrass, Kresse.		
Cress, Garden Curled	10	1 00
Water Cress	20	2 00
Dwarf, Fine Curled	10	1 00

Use Legget's Dry Powder Gun—Big Thing. See page 40.



W. M. MUMBERGER

## GROUP OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine; 6, Gen. Grant.

**Cucumber, Gurke.**

	Per oz.	1/2 lb.	Per lb.
Green Prolific, extra early	\$0 10	\$0 20	\$0. 75
Early Russian	10	20	75
Early Frame	10	20	75
Early Cluster	10	20	75
White Spine, extra stock	10	20	60
Early Boston Market, extra	10	20	75
Extra Long, white spine, new	10	20	75
Long Green	10	20	75
London, or Extra Long Green	10	20	75
Burpee's White Wonder, new	25		

Mammoth Green Spine	per oz.	25
Achievement, new, extra long	"	25
Telegraph, new	"	25
West India Gherkin	"	25
Marquis of Lorne	"	25

<b>Egg Plant, Eierpflanze.</b>	Per oz.	Per lb.
Large Purple Egg Plant	\$0 35	\$4 00
New York Improved	35	4 00
Black Pekin	35	4 00

**Endives, Endivien.**

Green Curled Winter	20
Fine Curled Summer	20

**Honey Locust.** For hedges. 20

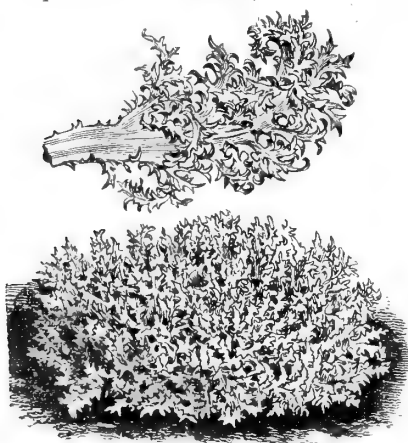
<b>Garlic, Knoblauch.</b>	Sets	05	80
Kale or Borecole	10	1	00

<b>Kohl Rabi.</b>	Per oz.	1/4 lb.	Per lb.
White, above ground	\$0 25	\$0 80	\$3 00
Purple, "	25	80	3 00

Bei uns wird Deutsch Gesprochen.

Use Fungiroid, Prevents Potato Blight and Kills Bugs.

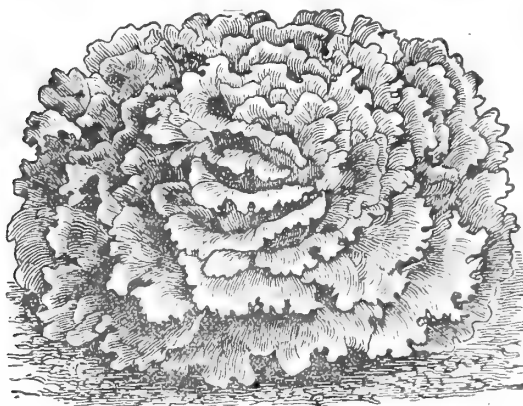
ENDIVE



<b>Leek, <i>Lauch</i>.</b>	Per oz	$\frac{1}{4}$ lb.	Per lb.
London, broad flag .....	\$0 25	\$0 75	\$3 00
Large Rouen .....	25	75	3 00

**Lettuce, *Salat*.**

	Per oz.	Per lb.
Grand Rapids, new forcing .....	20	3 00
Onondaga Market Garden, very best for Green House .....	20	2 00



ONONDAGA LETTUCE.

Hamilton Market Head .....	20	1 50
Chartier .....	20	2 00
Green Fringed or Red Fringed .....	20	1 50
Boston Market .....	20	1 50
Boston Curled, fine for hot bed .....	20	1 50
Early Curled Simpson, black seed .....	20	1 50
Early Curled, Sil- esian .....	20	1 50
Golden Stone .....	20	2 00
Ice Drumhead .....	20	1 50
Hanson Head .....	20	1 50
Batavian Brown Head .....	20	1 50
India or Prize Head .....	20	1 50
Tennis Ball .....	20	1 50
White Cos .....	20	2 00
Deacon Head .....	20	2 00
	20	2 00
	20	2 50

Satisfaction .....		
Denver Market, early head lettuce .....		

**Musk Melon, *Melone*.**

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Surprise, round, yellow fleshed, medium size .....	10	20	75
Miller's Cream, very fine .....	10	20	75
Emerald Gem .....	10	20	75
Orange Christinana, "fine netted," yellow flesh .....	10	20	75
Osage, large western .....	10	20	75
Pineapple .....	10	20	75
Nutmeg, fine netted, extra early green, rich and sweet .....	10	20	75
White Japan .....	10	20	75
Cassaba, pointed, thick fleshed .....	10	20	75
Bay View, large, green fleshed, fine for a large melon .....	10	20	75
Large Nutmeg or Improved Cantelope, fine for market .....	10	20	75
Pomegranate .....	25		
Montreal Market Musk .....	10	25	75
Hackensack, very fine .....	10	20	75



NEW SURPRISE MUSK MELON.

**Watermelon, *Wassermelone*.**

The Gregg .....	10	20	60
Green and Gold, new fine .....	10	20	60
Seminole .....	10	20	60
Cuban Queen Extra .....	10	20	60
Phinney's Early, red flesh and solid; very prolific .....	10	20	60
Haskell's Excelsior, large and solid to centre, extra quality .....	10	20	60
Mountain Sweet, old favorite .....	10	20	60
Mountain Sprout .....	10	20	60
Black Spanish, round, dark green, with red flesh .....	10	50	60
Iceings or Ice Cream, white seeded .....	10	20	60
Green Citron, for preserves .....	10	20	60
Scaly Bark, new, highly recommended .....	10	20	60
Kolb's Gem .....	10	20	60
Iron-clad .....	10	20	60
Georgia Rattlesnake .....	10	20	60

We can supply everything for the Lawn. Buy your Plows of us and save money.

\$2.50 CORN SHELLER ON PAGE 55.



WHITE GLOBE ONION.

Bolton Seed, produces the celebrated Bolton Sets.....

White Silverskin.....

Southport White Globe, very choice.....

White Tripoli, novelty.....

Giant Rocca.....

Mammoth Silver King.....

Barletta, very early, pure white, small.....

New Queen.....

Top Onion Sets, } Market Price.

Bolton, } The price of Onion Seed is subject to

Yellow, } change without notice.

White, } Market Price.

Potato. }

**Mushroom Spawn.**

Per Box.....\$1 25 and \$2 00

**Mustard, Senf.**

White.....Per oz. Per lb. \$0 05 \$0 20

Brown.....05 20

**Martynia for Pickles**.....

Per oz.

\$0 40

**Naeturtium, Kapusinerblume.**

Tall, see Flower Seed.....10

Dwarf.....15

**Okra or Gumbo, Essbarer.**

Dwarf, white.....10

**Onion, Zwiebel.**

Per oz. Per lb.

Yellow Danvers, improved our best selected stock.....\$ \$

Early Red, extra early.....20 2 00

Southport Red Globe.....20 2 00

Large Red Wethersfield.....20 2 00

.....40 3 00

.....25 2 50

.....25 3 00

.....30 2 00

.....30 2 00

.....30

.....30

.....30



BELL OR OX HEART.

**Parsley, Petersilie.**

Per oz. Per lb.

Champion Moss Curled.....\$0 10 \$0 75

Fern Leaved.....10 75

Extra Double Curled.....10 75

**Parsnip, Pastinake.**

Long White.....10 50

Hollow Crown, best for gen- 10 50

eral use.....10 50

Sutton's Student.....10 50

**Pepper, Pfeffer.**

Rose Mammoth, very fine.....50 3 00

Chili, very small for Pepper 25 2 50

Sauce.....25 2 50

Bell or Oxheart, rind thick, 25 2 50

extra large.....25 2 25

Ruby King, extra large.....25 2 50

Cayenne.....25 2 50

Mountain Sweet, for stuffed 25 2 50

pickles.....30 3 00

Golden Dawn, yellow.....30 3 00

Golden Queen.....30 3 00

Celestial, new, novelty.....30 3 00

Red Cluster.....20 3 00

**Examine our line of Pocket Knives and Razors.**

Bei uns wird Deutsch gesprochen.

**PEAS. *Erlsen.*****EXTRA EARLY SORTS.**

Add 10 cents per quart by mail. Wrinkled varieties marked thus.\*

	<i>Per qt.</i>	<i>Per bu.</i>
Juno, new, 2 feet, very prolific.....	\$0 30	\$7 00
Bergen Fleetwing, very fine, early.....	30	5 00
Cleveland's Alaska, one of the earliest blue peas.....	25	4 00
Rural New Yorker, very early, prolific.....	25	4 00
Earliest of All.....	25	4 00
Kentish Invicta, early, small.....	25	4 00
First and Best, very early, prolific.....	25	4 00
Perry's Forty-two Day the best extra early.....	25	4 00
Philadelphia Extra Early, resembling First and Best.....	25	4 00
Carter's First Crop 2½ feet.....	25	4 00
Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners.....	25	4 00

**DWARF VARIETIES..**

Nott's Excelsior, early, large and pod very prolific.....	30	7 00
Blue Beauty, early large peas.....	30	5 00
*Blue Peter, green, smooth, 1 foot.....	30	5 00
*Minimum, extra early 9 inches.....	30	5 00
Tom Thumb, yellow, smooth, 8 inches.....	30	5 00
*American Wonder, green, 1 foot, extra early and productive.....	30	6 00
*Premium Gemis, Pery early, very fine dwarf.....	30	6 00
*McLean's Little Gem, very fine, popular, 1 foot.....	30	5 50

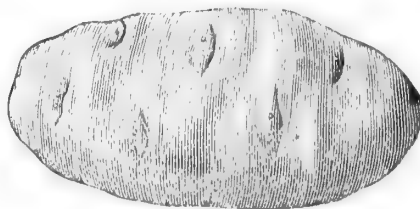
**SECOND EARLY AND LATE VARIETIES.**

Paragon, double podded, great yielder, new, very fine.....	35	7 00
*Alpha, early, 3 feet, an extra early wrinkled pea.....	25	6 00
*Bliss, Abundance.....	30	5 00
*McLean's Advancers true, long pods, fine quality, 2½ feet.....	25	5 00
*Champion's very fine, old favorite, 4 feet.....	25	4 00
*Horsford's Market Garden, good cropper. 2½ feet.....	30	5 00
Pride of the Market, very large pods, 2 feet.....	30	6 00
*Telephone, the finest large, Second Early Pea in the market, 3 feet.....		
*Yorkshire Hero, large, late, very productive, 2 feet.....	25	4 50
Stratagem, 1 to 2 feet, vigorous, fine quality.....	30	7 00
White Sugar, edible pods.....	30	5 00
Gray Sugar, edible pods.....	30	6 00
White Royal Dwarf Marrowfat, 2 feet.....	15	3 00
Black Eyes No. 1, very early and prolific, 3 feet.....	20	2 00
Canada Field.....		1 25

*These prices are subject to change without notice.***POTATOES, *Kartoffel.***

Ohio Jr.  
 Early June.  
 Early Maine.  
 Early Ohio.  
 Sunlit Star, extra early.  
 Freeman.  
 Rutland Rose.  
 White Mountain.  
 Beauty of Hebron.  
 Cornish Seedling.  
 Potentate.  
 Rose of Erin.

Price on  
 Application

**PUMPKIN SEEDS, *Kurbiss***

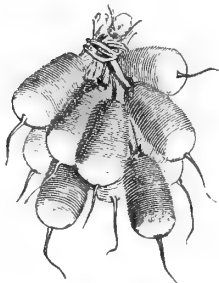
	<i>Per qt.</i>	<i>Per bu.</i>
Connecticut Field.....	\$0 10	\$2 50
Cheese Pumpkin.....	60	
Cushaw Pumpkin, fine table.....	60	
Mammoth Tour.....	60	
Mammoth King.....	60	

**Cream Separators, Churns and Creamers. See page 42.**

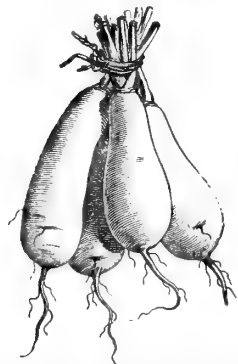
Flower Seeds, pp. 21 to 34.



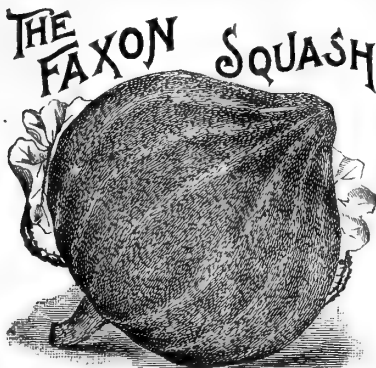
NE PLUS ULTRA.



FRENCH BREAKFAST RADISH.



CHINESE ROSE WINTER RADISH.

**RADISH, Radischen.**  
*French Stock.**Our Radish Seed is the very best*

	Oz.	¼ lb.	Lb.
Bright Scarlet, new, long.....	20		\$1 00
Barteldes Glass Radish, crisp, mild.....	20		1 00
Ne Plus Ultra, Deep Scarlet Turnip.....	10	20	75
Half Long, Deep Scarlet.....	10	20	75
Early Scarlet Turnip, white tipped.....	10	20	75
Early Deep Scarlet Turnip, forcing, new, 10	20		75
Early White Box or Turnip.....	10	20	75
Early Deep Scarlet, olive shape, small top 10	20		75
White Olive Shaped or Newcome.....	10	20	75
Yellow Turnip, new.....	10	20	75
French Breakfast, white tipped.....	10	20	75
White Giant Stuttgart, summer.....	10	20	75
Short Top Scarlet, long, Wood's frame.....	10	20	75
Chartier Long, white tipped.....	10	20	75
Scarlet Chinese Rose Winter, fall variety, 10	20		75
Long Black Spanish, winter.....	10	20	75
White Giant Spanish.....	10	20	75
Gray Long, winter.....	10	20	75
California Mammoth White.....	10	20	75
White Strasburg or Hospital.....	10	20	75
White Russian, very large.....	10	20	75

**SALSIFY, Bocksbart.***Per oz. Per lb.*

Or Vegetable Oyster.....	\$0 10	\$1 00
Mammoth Sandwich Island, new.....	10	1 25
Sorrel, Large Leaved French.....	10	1 50

**SPINACH, Spinat.***Oz. ¼ lb. Lb.*

Prickley, fall, extra large.....	\$0 05	\$0 10	\$0 20
Rond Leaf, Viroflay.....	05	10	20
New Zealand.....	05	10	20
Flanders, large leaf.....	05	10	20
Bloomsdale.....	05	10	20
Long Standing.....	05	10	20
25 to 100 lb. lots special price.			

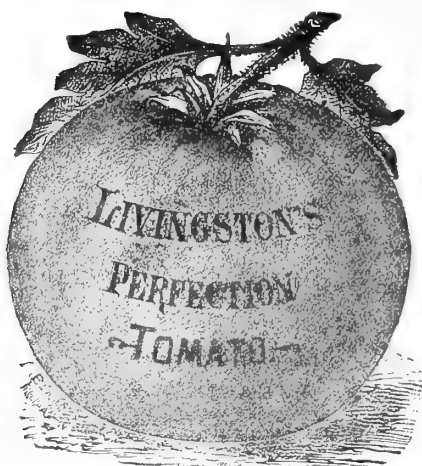
**SQUASH, Kurbiss.**

Golden Bush Scollop.....	10	20	65
Perfect Gem.....	10	20	65
Early Scollop, white.....	10	20	65
Giant Summer, Crook-neck.....	10	20	80
Hubbard, winter, extra stock.....	10	20	65
Boston Marrow, old variety, fall.....	10	20	65
Butman, nearly like Hubbard.....	10	20	65
Turban, excellent fall.....	10	20	65
New Essex Hybrid, fine flavor.....	10	20	65
Marblehead, like Butman.....	10	20	65
Brazilian, new, excellent, green or ripe.....	10	20	65
Mammoth Chili.....	20	40	1 50
Cocoanut.....	20	30	1 00
Pikes Peak or Sibley Squash.....	20	30	1 00
Winter Crook-neck.....	20	30	1 00
Ford Hook, new.....	20	30	1 00
Canada Crook-neck, winter.....	10	25	75
The Faxon, new, very early.....	15	35	1 00

**TOBACCO SEED, Tabak Saamen.**

Connecticut.....	40	4 00
Primus, new, very hardy, Virginia, per oz.	2 00	
Wilson's Hybrid Seed, sealed pkgs.	"	1 00
Haynes, sealed packages.....	"	1 00
Eureka.....	"	1 00

Bei uns wird Deutsch Gesprochen.



Purple Husks.....5c. paper

**Turnip, Steckrube.** Per oz. Per lb.

Purple Top, flat strap leaf..	\$0 10	\$0 40
Mammoth Purple Top Globe	10	50
Golden Ball or Orange Jelly	10	50
White Norfolk, large, fine		
summer globe shape.....	10	50
Early Stone.....	10	50
White Dutch.....	10	50
Yellow Aberdeen.....	10	50



KOHL RABI.

**Sweet Herbs.**

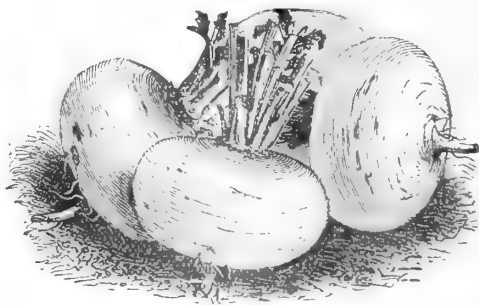
	Paper.
Anise, seeds aromatic.....	5c.
Balm, has medicinal qualities.....	5c.
Basil Sweet.....	5c.
Borage, leaves used for salad.....	5c.
Caraway, seeds aromatic.....	5c.
Coriander, seeds aromatic.....	5c.
Dill, seeds aromatic and medicinal.....	5c.
Fennel Sweet, seeds aromatic.....	5c.
Horehound, medicinal qualities.....	5c.
Lavender, leaves aromatic.....	5c.
Marjoram, leaves used in seasoning.....	5c.

**Tomato, Liebesapfel.** Per oz. Per lb.

Earliest of All.....	\$0 25	\$4 00
Early Ruby.....	25	4 00
Ignotum, new.....	25	2 50
Prelude, extra early.....	25	2 00
Canada Victor.....	20	2 00
Dwarf Champion.....	25	2 50
Scoville's Hybrid.....	25	2 50
Livingston's Beauty.....	25	2 25
Livingston's Favorite.....	20	2 25
Livingston's Perfection.....	25	2 50
Climax, extra quality.....	20	2 00
Acme, true, extra stock.....	20	2 00
Lorrillard.....	25	2 50
Cardinal.....	25	2 00
Golden Trophy.....	25	2 00
Low's Essex Hybrid.....	25	2 00
Trophy, large and solid, true.....	25	2 25
Hathaway's Excelsior.....	25	2 00
Paragon.....	25	2 00
Ponderosa, very large, solid.....	25	2 00
Strawberry or Ground Cherry.....	5c. paper	
Yellow Plum.....	5c.	"
Plentiful, new, 25 cts. paper.		

Per oz. Per lb.

White Sweet Waldo or German, one of the finest		
Rutabagas.....	\$0 10	\$6 50
Skirving's Rutabaga, Purple		
Top.....	10	50
Carter's Improved Swede		
Yellow.....	10	50
Laing's Improved Swede.....	10	50

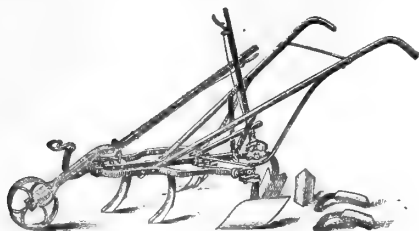


**Parrot and Bird Seed. Choice Stock.**

	Paper.
Mint, (Peppermint).....	5c.
Rosemary, aromatic.....	5c.
Rue, medicinal qualities.....	5c.
Saffron, medicinal qualities, also dyeing.....	5c.
Sorrel.....	5c.
Sage, culinary herb.....	5c.
Savory Summer, culinary herb.....	5c.
Tarragon or Estragon.....	5c.
Thyme, culinary herb.....	5c.
Wormwood, medicinal qualities.....	5c.

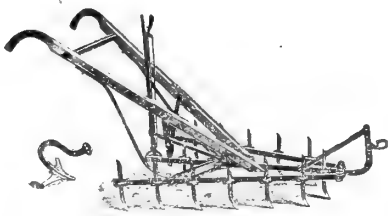


## THE IRON AGE GARDEN AND FIELD IMPLEMENTS.

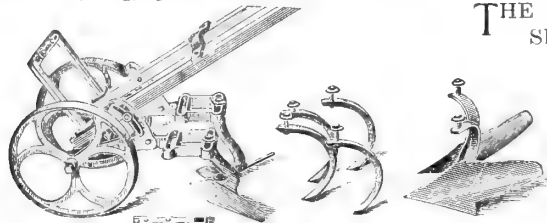


THE "IRON AGE" HORSE HOE.

For a cultivator thoroughly made, and of high quality, one could not do better than buy the "IRON AGE." Strong, light and handsome.

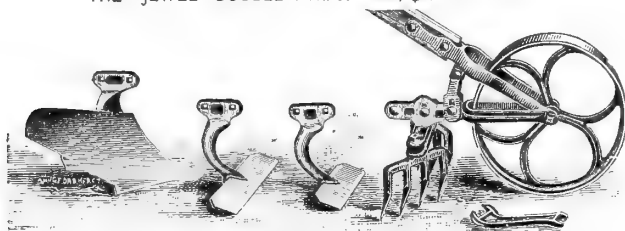


THE "IRON AGE" COMBINED HARROW & CULTIVATOR.



THE "JEWEL" DOUBLE WHEEL HOE, \$4.50.

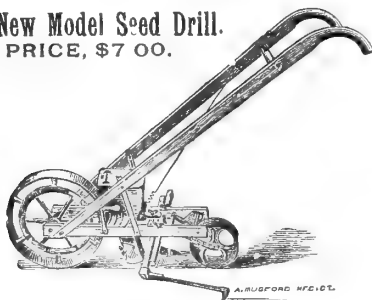
THE "JEWEL" DOUBLE AND SINGLE WHEEL HOE are "leaders" and stand first in everything of their kind. With the exception of the handles and wheel they are made entirely of malleable iron and steel. With each tool there are a number of attachments, making the Wheel Hoe suitable in cultivating all kinds of crops.



THE "JEWEL" SINGLE WHEEL HOE, \$4.00.

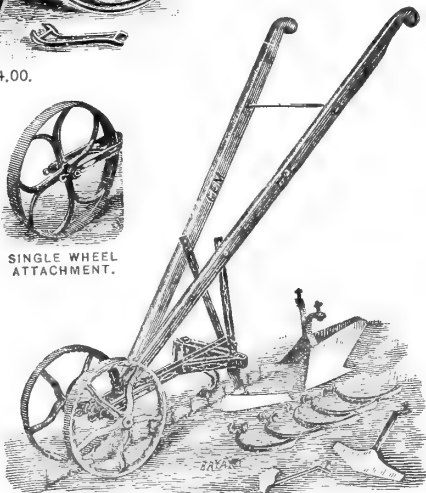
### The New Model Seed Drill.

PRICE, \$7 00.



SINGLE WHEEL ATTACHMENT.

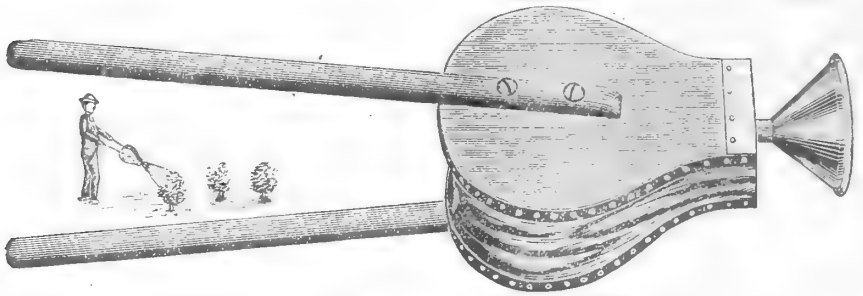
WE PLACE the New Model Drill at the head of the list because there is where it properly belongs. This Drill contains all the good points of every old drill in the market, with this point in addition: The slide, or hole through the slide, where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seeds. CUT OFF—The flow of seed can be instantly stopped by a swinging cut off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at ends of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



### THE "GEM" WHEEL HOE.

PRICE, \$4.00.

THE "GEM" is the most practical tool for every-day use that is offered to the gardening public. It is made largely of steel and malleable iron. It is strong, yet light in appearance and well finished. This is just the tool for your garden, as you see by the cut it can be made into either a single or double wheel hoe.



### THE ELECTRIC OR LIGHTNING INSECT EXTERMINATOR . . .

Price, \$1.50. Simple, Practical, Effectual, Cheap. The most economical, cheap and effectual device for applying Paris green with little labor. DEATH ON POTATO BUGS. Paris Green applied with this MACHINE will knock them STIFF, all sizes and ages every time. Only one pound required for an acre of potato vines. Experience has proven that Paris green applied, does not injure the vines, and is far more effectual than when mixed with plaster, etc.

### Improved Billings Planter and Fertilizer.

Time Saved,

Better Work,

Quicker Results.



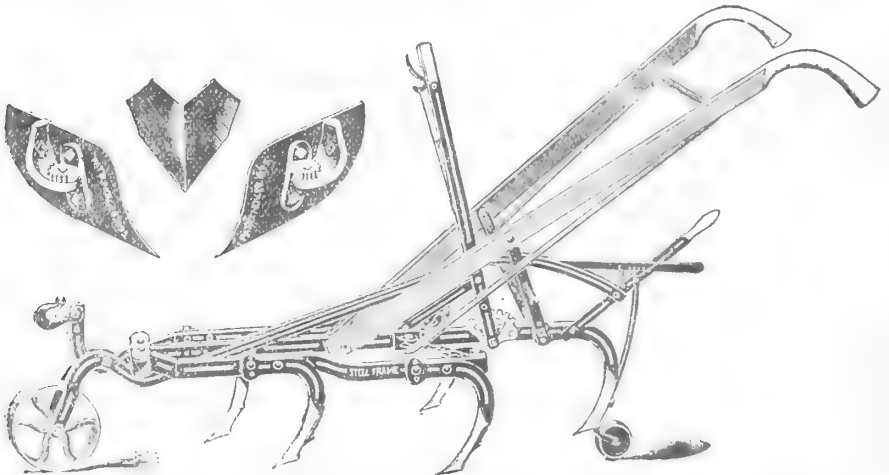
Perfect

work whether  
stony sward or  
mellow land.

Superior to all for Planting Field, Ensilage and Fodder Corn,  
Broom Corn, Beans and other Seeds of like size.

CAN ALSO BE ARRANGED FOR DROPPING BEET SEED.

### THE DEERFIELD DOUBLE-LEVER CULTIVATOR PRICE, \$6.00.



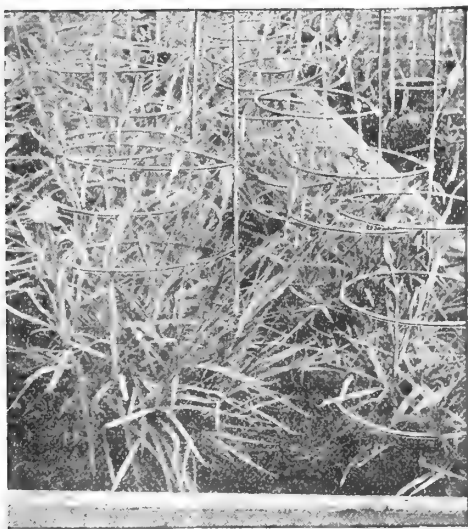
We direct attention to the Improved Lever Expander Device of this Cultivator, and the Improved Handle Brace, which does not have to be changed when the Cultivator is expanded, and at all times keeps Cultivator stiff and rigid.

The Wheel and Rear Roller Attachment, as shown in cut, which allows transporting from field to field without lifting the Cultivator or loading on a wagon, is a wonderful improvement over former Cultivators.

# THE "PERFECT" Flower Support

For Florist's Use. . . .

IT IS Cheap, Indestructible, will Last for Years, Is Adjustable to Different Heights, Is Quickly Placed in Position, Strings are Unnecessary, It is Superior to Sticks, and by its Use a Great Saving in Time and Labor is Effected. Price 10 cents.



## Bolton Onion Seed & Sets.

AFTER many years we have finally succeeded in securing the SEED for the celebrated Bolton Onion Sets. For years past it has been so carefully guarded by the few who had controlled this fine variety, that until recently we were unable to secure the Seed. The Bolton Set has no equal in the United States for market gardeners purposes.

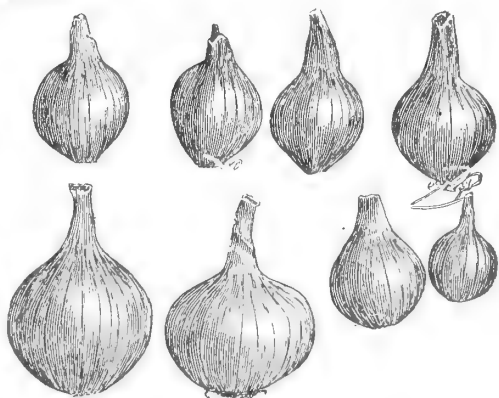
First—Its quick growth into a handsome green onion, being the earliest set on the market.

Second—Quality, mild. A perfect onion shape even to the smallest among them.

Third—Unequalled for its market qualities and value to the gardeners.

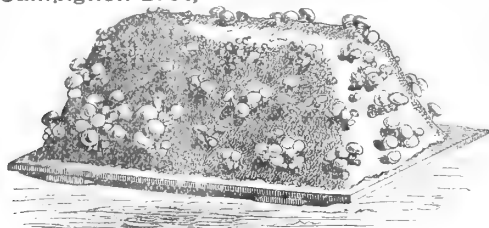
Fourth—Growing into a large onion of fine quality for fall and winter use, if permitted to remain in the ground.

Directions for growing these Sets from seed. Sow thick in order to secure small sets. Sow about the same time as common onions. Pull them in the fall and cure thoroughly on the ground or better, on racks under cover. We have a limited stock of seed to offer this season at \$3.00 per lb.



## MUSHROOM SPAWN.

*Campignon Brot, German.*

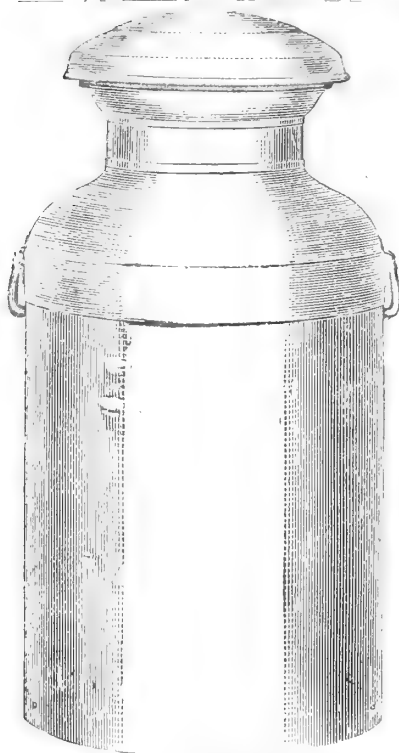


MUSHROOM BED.

bed; but these may be varied. Prepare the mixture of loam and manure making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees. Price, \$1.25 and \$2.00 per box.

*Campignon, French.*

CULTURE—Mushrooms may be grown in cellars, under benches of greenhouses or in sheds; wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix it in an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a



## Tin Shop Department.

### MILK CANS, ALL SIZES.

Every can is made by an experienced man. Every cover warranted to fit perfectly. Milkmen are invited to examine our work. Repairing done promptly, in the best manner, at a moderate price.

### PEDDLING CANS.

In 20, 30, 40, 50 and 60 qt. Sizes.

Carrying Cans, all sizes	50 cts. to \$2.25
Dairy Cans, " "	\$5.75 to \$7.50
Cream Pails, " "	60 cts. to \$1.00
Strainer Pails, " "	60 to 90 cts.
Pint Dippers	50 to 60 cts.
Quart Dippers	50 to 75 cts.
Strainers	45 cts. to \$1.50
Tin Milk Pans, per doz	\$1.75 to \$2.25
Tin Milk Pails, all sizes	50 cts. to \$1.00
Sprinkling Pots " "	25 cts. to \$1.25

All hand work and fully warranted.

Tin Gutters, Galvanized Gutters,

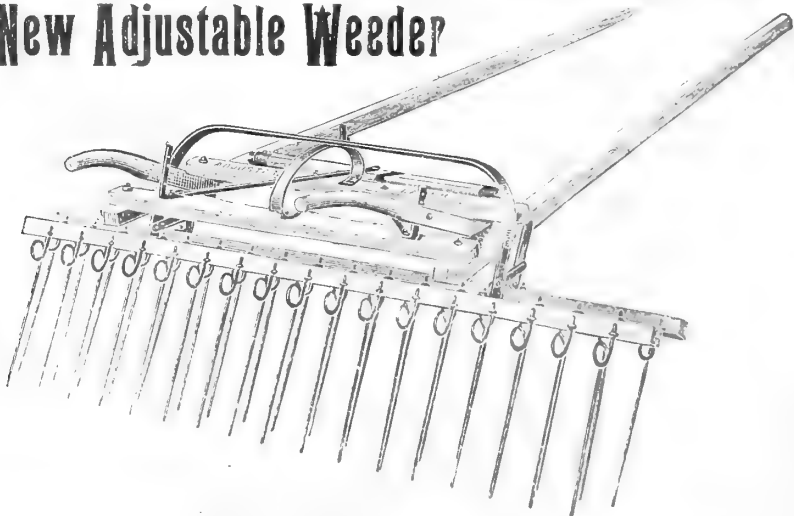
Tin Roofing, Stencil Cutting,

Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

Shears, Scissors, Knives and Saws Sharpened and Repaired. Also General Jobbing.

## The New Adjustable Weeder



Used with great profit on planted crops, and is especially useful on wheat fields in early spring, when all weeds that may have started are eradicated and the soil made loose and friable and in the best condition for the growth of grain.

The Steel Teeth of this Weeder may be adjusted to stand straight or sloped more or less, by changing the position of the bolts in the adjusting irons, adapting it to all conditions of soil.

By using this Weeder fields of corn, beans, potatoes, etc., can be kept clean of weeds without the labor and expense of a hoe and without damage to the plants. One trial will convince any farmer that he cannot afford to be without this implement. Price, \$10.00.

## KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

No.	Price.	No.	Price.
1 Solid Shank Hoe.....	\$ 30	50 English and American Hooks...\$	25 to \$ 50
2 Notched Scuffle Hoe.....	1 00	51 Steel and Malleable Garden	
3 Narrow Hoe and Rake.....	50	Rakes.....	25 to 60
4 Socket Common Hoe.....	35	52 English Lawn and Grass Scythe.	50 to 1 50
5 Trowel Shape Weeding Hoe.....	75	53 English and American Spades...	60 to 1 50
6 Onion Hoe, "double end".....	50	54 Latest. Pattern Steel Garden	
7 Hoe and Rake, several sizes.....	40 to 80	Rakes.....	40 to 75
8 Potato Hook, several sizes.....	25 to 75	55 All styles of Shovels, large and	
9 Secor Weeding Hook.....	20	small.....	25 to 1 00
10 Large Plantation Hoe.....	75	56 Asparagus, Dock and Weed Dig-	
11 Thistle Spud.....	50	ger.....	30
12 Thistle Spud for Lawns.....	50 to 75	57 Weeders.....	50
13 Pruning Shears, all kinds.....	40 to 1 50	58 Water's Tree Pruner.....	1 25
14 Hedge Shears, several sizes.....	1 00 to 1 75	59 Steel Trowels.....	15 to 50
15 Sheep and Grass Shears.....	1 00 to 1 75	60 Cleves Angle Trowel.....	15 to 25
16 Border Shears with Roller or		61 Watering Pot.....	75
without.....	2 50 to 4 00	62 " " extra length.....	1 00
17 Spud for pulling vegetables, etc.	1 00	63-64-65-66 Weeders.....	15 to 30
18 Patent English Weeder.....	25	67-68-69-70-71-72 Thermometers....	20 to 1 00
19 " " Scuffle Hoe.....	30 to 50	73 Pruning Saws.....	75
20 Onion and Celery Plow, Fire-Fly.	2 50	75-76-77-78-79 Syringes.....	1 00 to 4 00
21 Tack Claws.....	15 to 25	80 Double Leaf Rake.....	75
22 Pruning and Wood Saws.....	50 to 1 50	81 Gardener's Mittens.....	50
23 Mattock, we have several styles..	50 to 1 00	82 Small Ax.....	75
24 Transplanting Fork.....	25 to 40	83 Fumigator.....	1 25
25 Wire Leaf Rake.....	60	84 Powder Gun.....	15 to 50
26 Narrow Mattock.....	75	85 Breen's Finger Spade.....	10
27 Tree Pruners, several styles.....	1 00 to 3 50	86 Lang's Weeder.....	25
28 Steel Trowels, all grades.....	10 to 60	87 Glazier's Points, per box.....	60
29 Flower Gatherer.....	50 to 1 00	88 " Pincers.....	40
30 Lang's Patent Weeder.....	25	89 Rubber Plant Sprinkler.....	90
31 Trellis.....	20 to 2 00	90 Putty Bulb.....	90
32 Double Edge Pruning Saw.....	75	91 Pedestal.....	2 50
33 Bill Hook.....	1 00 to 1 50	92 Lily Pot.....	40
34 Garden Line Reel, very durable..	1 50	93 Hanging Log.....	75
35 Grape and other Scissors.....	25 to 1 00	94 Oblong Lily Pot.....	60
36 English Lawn Rake.....	75 to 1 25	95 Begonia Pot.....	25
37 Whittling and Pruning Knives....	50 to 1 00	96 Rustic Pot.....	50
38-39-40 English Pruning Knives....	50 to 1 00	97 Standard Flower Pots, all prices	
41-42 Budding and Grafting Knives..	50 to 1 00	98 Jardinier, all prices.....	
43 Grafting Chisel.....	75 to 1 00	99 Wire Pot Brackets.....	15 to 20
44 English Pruning Hook Knife.....	1 00	100 Hyacinth Glass.....	15
45 Dibber for transplanting.....	25	101 Wire Plant Stand.....	3 00
46 Border Knives.....	60 to 1 25	102 Flower Pot and Cage Bracket....	15 to 1 00
47 Floral Sets of four pieces.....	50 to 75	103 Saucers, price according to size.	
49 Warren Hoe, very practical.....	75	104 Wooden Tubs.....	1 00 to 3 00



## SEED AND GRAIN TRYERS.

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PRUNING SAWS.



67



68



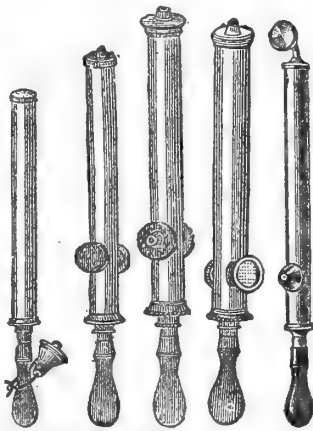
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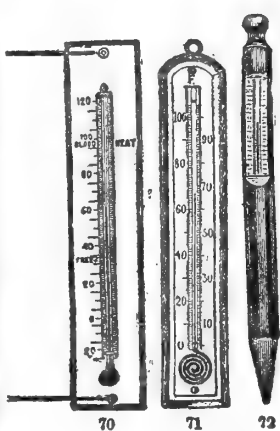
TROWELS.



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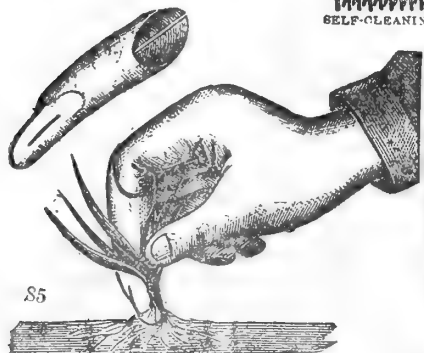
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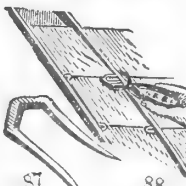
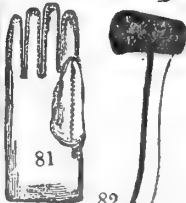
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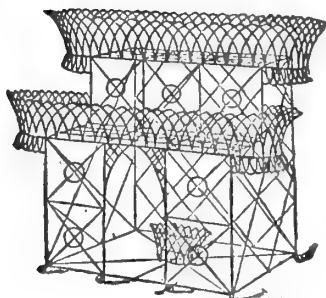
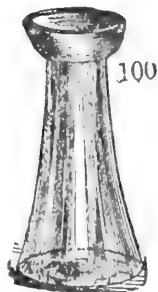
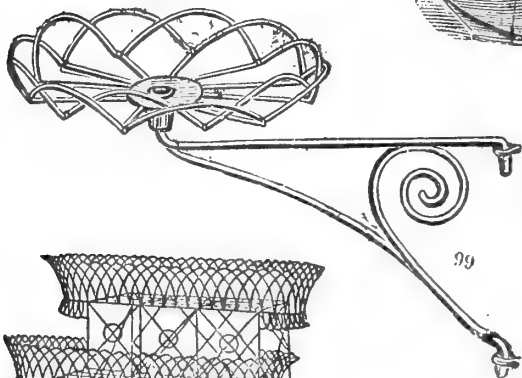
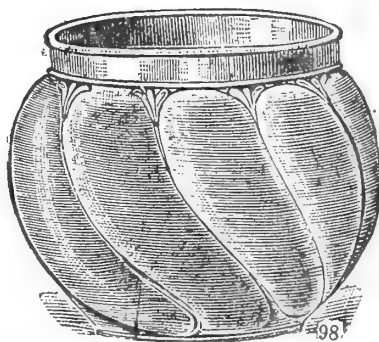
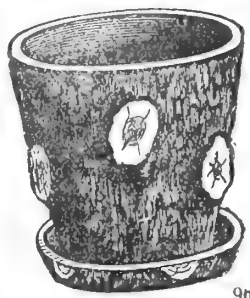
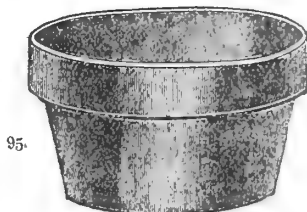
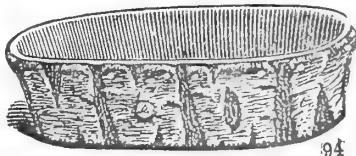
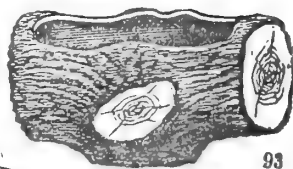
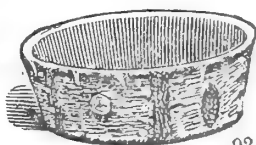
GLAZING POINTS AND PINCES



PLANT SPRINKLER.



PUTTY BULB.



TWO SHELF STAND

ONE-POT BRACKET.

TWO-POT BRACKET

FLOWER POT SAUCERS



## FLOWER SEEDS.

### KEY TO CULTURE.

**A.** Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf-mould or well rotted manure, making the surface fine and smooth.

**B.** Sow in gentle heat, in a well-drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May but will not flower so early. Transplant or thin out before the plant gets too large.

**C.** Sow from April to June or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

**D.** Sow in spring in a well drained pot or well prepared hot-bed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground after May 10th for late flowers.

**E.** Sow in open border in April or May, and thin out or transplant giving each plant plenty of room.

**F.** Sow any time in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; over that rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seed thickly over the surface, covering very lightly, keep from direct rays of the sun. As soon as the plants show the third leaf transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool, airy part of the green house near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

### KEY TO COLUMNS.

The 1st col. contains the name of the flower.  
The 2d " " hardness and duration.  
The 3d " " height in feet.  
The 4th " " color of flower.

The 5th column contains culture.  
The 6th " " price per packet.  
The 7th " " general observations.

### KEY TO ABBREVIATIONS.

b., blue.	dk., dark.	mve., mauve.	spot., spotted.
bld., blood.	dp., deep.	mx'd., mixed.	stri., stried.
blk., black.	gr., green.	Or., Orange.	sul., sulphur.
br., brown.	lav., lavender.	pur., purple.	vr., variegated.
bff., buff.	lf., leaf.	rose., rose.	ver., vermillion.
car., carmine.	lt., light.	rd., red.	wht., white.
cr., crimson.	mar., maroon.	scar., scarlet.	yel., yellow.

### HARDNESS AND DURATION.

A.—Annual, lasting one year.  
B.—Biennial, lasting two years.  
P.—Perennial, lasting three or more years.

ev., evergreen.  
g., greenhouse.  
h. h. half hardy.  
h., hardy.  
sh., shrub.

Use our Plant Food and Lawn Dressing.

# SELECT FLOWER SEEDS.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Abobra viridiflora</i> .....	hhP	6	green.	E	5	<i>Abobra</i> .—A beautiful variety of climbing Gourd, with elegant foliage.
<i>Abronia umbellata</i> .....	hhA	1/2	rose.	D	5	<i>Abronia</i> .—Trailing <i>Verbena</i> like flowers.
<i>Aconitum napellus</i> .....	hP	2	blue&w.	C	5	<i>Aconitum</i> .—Monkshood.
<i>Acroclinium roseum</i> .....	hhA	1	rose.	E	5	<i>Acroclinium</i> .—Pretty everlasting flowers; should be cut before fully expanded.
" <i>album</i> .....	"	1	white.	"	5	
<i>Adlumia cirrhosa</i> .....	hA	15	pink.	"	10	<i>Adlumia</i> .—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
<i>Adonis æstivalis</i> .....	"	1	scarlet.	"	5	<i>Adonis</i> .—Showy border flowers.
<i>African Rose</i> .....	"	"	"	"	"	<i>African Rose</i> .—See <i>Hibiscus</i> .
<i>Ageratum mexicanum</i> .....	hA	1	blue.	B	5	<i>Ageratum</i> .—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
" <i>Imperial Dwarf</i> .....	"	1 1/2	"	"	5	
" <i>nanum</i> .....	"	1 1/2	"	"	5	
<i>Agrostemma Cœli Rosa</i> .....	"	1	rose.	A	5	<i>Agrostemma</i> .—Rose Camion.
<i>Agrostis nebulosa</i> .....	"	1	"	A	5	<i>Agrostis</i> .—Very fine for dried grasses.
" <i>pulchella</i> .....	"	"	"	"	"	
<i>Alleghany Vine</i> .....	"	"	"	E	"	<i>Alleghany Vine</i> .—See <i>Adlumia</i> .
<i>Alonsoa grandiflora</i> .....	hhA	1 1/2	scarlet.	E	5	<i>Alonsoa</i> .—Very showy in blossom and of graceful habit; excellent for bedding.
<i>Alyssum maritimum</i> (sweet).....	hA	1	white.	"	5	<i>Alyssum</i> .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
" <i>saxatile compactum</i> .....	P	1	yellow.	"	5	
" <i>Wierzebecki</i> .....	"	1	w. & y.	"	5	
<i>Amaranth</i> .....	"	"	"	"	"	<i>Amaranth</i> .—See <i>Gomphrena</i> .
<i>Amaranthus bicolor ruber</i> .....	hhA	3	var. lf.	"	5	<i>Amaranthus</i> .—Beautiful foliaged plants. A. <i>Salicifolius</i> and <i>Henderi</i> form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. <i>caudatus</i> is the well-known "Love lies bleeding." A. <i>cruentus</i> is better known as "Princess Feather," A. <i>tricolor</i> as "Joseph's Coat" and A. <i>melan.</i> as "Nun's Whipping Post."
" <i>caudatus</i> .....	"	3	"	"	5	
" <i>cruentus</i> .....	"	2	"	"	5	
" <i>melancholicus ruber</i> .....	"	1	"	"	5	
" <i>salicifolius</i> .....	"	3-5	"	"	10	
" <i>Henderi</i> (new).....	"	4	"	"	10	
" <i>tricolor</i> .....	"	"	"	"	5	
<i>Amethyst</i> .....	"	"	"	D	"	<i>Amethyst</i> .—See <i>Browallia</i> .
<i>Ammobium alatum</i> .....	hA	2	white.	E	"	<i>Ammobium</i> .—White everlasting flowers.
<i>Anagallis grandiflora, Eugenie</i> .....	hhA	1	b. & w.	B	5	<i>Anagallis</i> .—Poor Man's Weather Glass. Splendid for rock-work and borders.
" <i>Napoleon III</i> .....	"	1	crimson.	"	5	
" <i>grandiflora, fine mixed</i> .....	"	1	mixed.	"	5	
<i>Anchusa augustifolia capensis</i> .....	hP	2	blue.	C	5	<i>Anchusa</i> .—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
<i>Angelonia grandiflora</i> .....	hP	1 1/2	blue.	"	10	<i>Angelonia</i> .—Blue flowers; sweet scented.
<i>Animated Oat</i> .....	"	"	"	"	3	<i>Animated Oat</i> .—See <i>Avena</i> .
<i>Antirrhinum majus</i> .....	P	2	mixed.	B	5	<i>Antirrhinum</i> .—Snapdragon. Will bloom first season.
" <i>majus nanum picturatum</i> .....	"	"	"	"	5	
<i>Aquilegia, Single</i> .....	P	1 1/2	"	C	5	<i>Aquilegia</i> .—Columbine. Pretty and very desirable for early spring flowering.
" <i>Double</i> .....	"	1 1/2	"	"	5	
<i>Arctotis breviscapa</i> .....	hhA	1 1/2	orange.	B	5	<i>Arctotis</i> .—Large orange flowers with dark centre.
<i>Argemone Hunnemannii</i> .....	hA	2	car.&yel.	A	"	<i>Argemone</i> .—Mexican Poppy.
<i>Artemesia gracilis</i> .....	"	4	"	"	"	<i>Artemesia</i> .—Highly decorative foliage plant.
<i>Aristolochia Sipho</i> .....	hB	30	y. & br.	D	"	<i>Aristolochia</i> .—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
<i>Asperula azurea setosa</i> .....	hA	1	blue.	A	5	<i>Asperula</i> .—Very sweet scented flowers and profuse bloomer.
" <i>odorata</i> .....	hP	1 1/2	white.	"	10	
<i>Aster, German quilled</i> .....	hA	2	mixed	D	5	<i>Aster</i> .—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's <i>Pæony</i> -flowered and the New Washington <i>Asters</i> . The <i>La Superbe</i> varieties of the first-named are rightly termed, in every respect they are truly superb.
" <i>Dwarf Pyramidal Bouquet</i> .....	"	1	"	"	10	
" <i>Truffaut's Pæony-fl'd Perfection</i> .....	"	2	rose.	"	10	
"    " <i>La Superbe</i> .....	"	2	sky b. & w	"	10	

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	<b>Aster.</b> No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging $4\frac{1}{2}$ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.....	“	1	mixed.	“	15	
“ Large Rose-flowered.....	“	2½	“	“	15	
“ Cocardeau or Crown (w. centre).....	“	2	various.	“	15	
“ New Washington, white.....	“	2	white.	“	20	
“ Perennial, fine mixed.....	“	“	mixed.	“	5	
Avena sterilis.....	hA	2	“	C	5	<b>Avena.</b> —Animated Oats.
Balloon Vine.....	hhA	5	white.	B	5	<b>Balloon Vine.</b> —Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra.....	hA	1½	mixed.	B	10	<b>Balsams.</b> —Our balsams have been selected with great care and we feel certain that they will please our customers. <b>The Double Rose-flowered White Balsam</b> is of unequalled purity and in great demand among florists. <b>The Double Victoria White Scarlet Spotted</b> is very delicate in color and will become a great favorite.
“ Double Rose flowered.....	“	2	“	“	10	
“ Double Rose flowered, white.....	“	2	white.	“	10	
“ Double Camellia flowered.....	hA	2	mixed.	“	10	
“ New Carnation-striped.....	“	2	“	“	10	
“ Double Solferino.....	“	2	w., spt., str.	“	10	<b>The Double Victoria White Scarlet Spotted</b> is very delicate in color and will become a great favorite. <b>Bean.</b> —Climbers, bearing clusters of dazzling scarlet, and pure white flowers. <b>Bellis.</b> — <b>Double Daisy.</b> —Very handsome spring flowering plant. <b>Brachycome.</b> —Swan River Daisy. <b>Briza.</b> —Quaking Grass. <b>Bromus.</b> —Ornamental Grass for winter bouquets. <b>Browallia elata.</b> —Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. <b>Bryonopsis.</b> —Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. <b>Cacalia.</b> —Tassel Flower. <b>Calampelis.</b> —A good climber, flower tube shaped. <b>Calandrina.</b> —Very desirable for pot plant; also for rockeries. <b>Calceolaria.</b> —Lady's Slipper. Saved from the very choicest varieties of the finest collections. <b>Calendula.</b> —Cape Marigold. <b>Calendula Off. Meteor.</b> <b>California Poppy.</b> —See Eschscholtzia. <b>Calliopsis.</b> —Very showy and continues to bloom a long time. <b>C. Drummondii</b> is admirably adapted for borders. <b>Callirrhoe.</b> —Profuse bloomer, continuing throughout the season. <b>Campanula.</b> —Canterbury Bell, will bloom first year if sown early. <b>C. speculum.</b> <b>Venus Looking Glass.</b> <b>Canary Bird Vine.</b> —See Tropæolum canariense. <b>Candytuft.</b> —See Iberis. <b>Canna.</b> —Indian Shot. <b>C. Nigricans</b> has very dark foliage. <b>C. Zebrina</b> has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. <b>Canterbury Bell.</b> —See Campanula. <b>Cardinal Flower.</b> —See Lobelia. <b>Cardiospermum.</b> —See Baloon Vine. <b>Carnation.</b> —See Dianthus. <b>Castor Oil Bean.</b> —See Ricinus. <b>Catchfly.</b> —See Silene.
“ Victor.....	“	2	w., sc. sp.	“	10	
Bartonia aurea.....	hA	1	yellow.	E	5	
Bean, Scarlet Runner.....	“	15	scarlet.	A	5	
“ White, “.....	“	15	white.	A	5	
Bellis Perennis, fl. pl.....	hP	½	mixed.	C	5	
Brachycome iberidifolia.....	hhA	1	mixed.	D	5	
Briza compacta.....	hA	1	“	A	5	
“ maxima.....	“	1	“	A	5	
Bromus brizæ fornis.....	hP	1	“	C	5	
Browallia elata.....	hhA	1½	mixed.	D	5	
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	
Cacalia coccinea.....	hA	1½	scarlet.	E	5	
Calampelis scabra.....	hhA	8	orange.	D	5	
Calandrina discolor.....	hA	1	rose.	E	5	
“ grandiflora.....	“	1	rosy pink.	“	5	
“ umbellata.....	“	½	crim. violet	“	5	
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	
“ James' Prize splendid.....	“	1	“	“	25	
Calendula pluvialis.....	hA	1	w. b. und' th	A	5	
Calendula Officialis “ Meteor.....	“	1	lt. orange.	“	10	
California Poppy.....	“	1	“	E	5	
Calliopsis Drummondii.....	hA	1½	pur. & yel.	“	5	
“ bicolor nana.....	“	1½	mixed.	“	5	
Callirrhoe pedata nana.....	“	2	mixed.	“	5	
Campanula medium, single.....	hP	2	“	C	5	
“ speculum.....	hA	1½	mixed.	“	5	
Canary Bird Vine.....	hhA	10	yellow.	D	10	
Candytuft.....	“	“	“	E	5	
Canna, Finest mixed.....	hhP	“	mixed.	D	5	
“ Nigricans.....	“	“	red.	“	10	
“ Zebrina.....	“	“	scarlet.	“	10	
Canterbury Bell.....	“	“	“	C	5	
Cardinal Flower.....	“	“	“	B	5	
Cardiospermum Halicacabum.....	hhA	5	white.	“	5	
Carnation.....	“	“	“	A	5	
Castor Oil Bean.....	“	“	“	D	5	
Catchfly.....	“	“	“	E	5	

See pages 18 to 21 for small tools.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Celosia, cristata nana</i> .....	hhA	1	crimson.	B	5	<i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	“	mixed.	“	5	
“ japonica.....	“	2	scarlet.	“	10	
<i>Centaurea candidissima</i> .....	hhP	1	silver fol.	E	15	<i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired.
“ <i>gymnocarpa</i> .....	“	1 1/2	“	“	15	
“ <i>moschata</i> .....	hA	2	blue.	“	5	<i>C. moschata</i> .—Sweet Sultan.
“ <i>cyanus</i> .....	“	2	mixed.	“	5	<i>C. cyanus</i> .—Batchelor's Button.
<i>Centranthus macrosiphon</i> .....	“	1 1/2	red	E	5	<i>Chamæpuece casabonæ</i> .—Handsome thistle-like foliage plants with dark green leaves, veined with white.
<i>Chamæpuece casabonæ</i> .....	hhP	1	orn. fol.	D	10	<i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
<i>Chrysanthemum, carinatum album</i> .....	hA	“	white.	F	5	<i>C. idicum pompone</i> is very double, pure white and a constant bloomer; excellent for cut flowers.
“ <i>idicum pompone, d'l fl'd</i> .....	hhP	2	dbl. white.	“	10	<i>Cineraria</i> .—Beautiful compact flowering plants of crimson, magenta and purple colors.
<i>Cineraria hybrida choice mixed</i> .....	gP	2	various.	“	25	<i>Clematis</i> .—Fine climbing vines.
<i>Clarkia, best mixed</i> .....	hA	1 1/2	mixed.	E	5	<i>Clanthus</i> .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black
<i>Clematis, fine mixed</i> .....	hP	10	“	C	10	
<i>Clanthus Dampieri</i> .....	A	2	sc. & blk.	A	25	
<i>Cobæa scandens</i> .....	hhA	20	purple.	B	10	<i>Cobæa</i> .—To attain full growth should be started in pots. Very rapid climber.
<i>Coccinia Indica</i> .....	hhP	6	red.	C	10	<i>Coccinia</i> .—Gourd family. Fruit scarlet.
<i>Cockscomb</i> .....	“	“	“	B	“	<i>Cockscomb</i> .—See <i>Celosia</i> .
<i>Coix lacryma</i> .....	hA	1 1/2	“	A	5	<i>Coix</i> .—Job's Tears.
<i>Collinsia</i> .....	“	1 1/2	mixed.	E	5	<i>Collinsia</i> .—Purple, blue and white flowers; very pretty.
<i>Columbine</i> .....	“	“	“	C	“	<i>Columbine</i> .—See <i>Aquilegia</i> .
<i>Convolvulus major</i> .....	hhA	10	finest mix'd	E	5	<i>Convolvulus Major</i> .—Morning Glory, tall; C. Minor, Morning Glory, dwarf.
“ <i>tricolor minor</i> .....	“	1	“	D	5	C. Mauritanticus for hanging baskets.
“ <i>Mauritanicus</i> .....	hP	“	blue.	C	10	
<i>Coreopsis</i> .....	“	“	“	E	“	<i>Coreopsis</i> .—See <i>Calliopsis</i> .
<i>Cosmanthus fimbriatus</i> .....	hA	1	lilac & w.	“	5	<i>Cosmanthus</i> .—Flowers fringed and pretty, plant spreading.
<i>Cosmidium Burridgeanum</i> .....	“	2	cr., br. & yel.	“	5	<i>Cosmidium</i> .—Flowers large and showy, similar to <i>Coreopsis</i> .
<i>Cucumis</i> .....	hhA	6	fine mixed.	B	5	<i>Cucumis</i> .—Ornamental Cucumber. C. flexuosus. —Snake Cucumber, bearing fruit three feet long. C. dipsaceus. —Teasel-formed.
“ <i>flexuosus</i> .....	“	“	“	“	“	
“ <i>dipsaceus, teasel-formed</i> .....	“	“	“	“	“	
<i>Cucurbita</i> .....	hhA	6	fine mixed.	E	10	<i>Cucurbita</i> .—Ornamental Gourd. C. leucantha depressa. —Green Fruit. C. longissima. —Curious fruit five feet long.
“ <i>leucantha depressa</i> .....	“	“	“	“	10	
“ <i>longissima</i> .....	“	“	“	“	10	
<i>Cyclamen persicum</i> .....	hhP	1 1/2	fine mixed.	B	50	<i>Cyclamen</i> .—Green house plants, very handsome bloomers.
<i>Cypress Vine</i> .....	“	“	“	“	“	<i>Cypress Vine</i> .—See <i>Ipomæa Quamoclit</i> .
<i>Dahlia, double</i> .....	hhP	“	fine mix'd	E	“	<i>Dahlia</i> .—Saved from the largest flowering and most double sorts.
“ <i>single</i> .....	hA	“	“	“	“	
<i>Daisy, double</i> .....	“	“	“	C	5	<i>Daisy</i> .—See <i>Bellis</i> .
<i>Datura fastuosa, finest double</i> .....	hA	3	mixed	E	10	
<i>Delphinium (Larkspur)</i> .....	“	“	“	C	“	<i>Delphinium cashmerianum</i> .
“ <i>double, dwarf rocket</i> .....	hA	1 1/2	“	“	5	
“ <i>double branching</i> .....	“	2	“	“	5	
“ <i>Perennial sorts</i> .....	hP	1-4	“	“	5	
“ <i>nudicaule</i> .....	“	1 1/2	scarlet	“	5	<i>D. nudicaule</i> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
“ <i>elatum</i> .....	“	5	mixed	“	5	<i>Delphinium</i> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
“ <i>formosum</i> .....	“	“	blue & wht	C	5	
<i>Devil-in-a-bush</i> .....	“	“	“	A	5	<i>Devil-in-a-bush</i> .—See <i>Nigella hispanica</i> .
<i>Diamond Plant</i> .....	“	“	“	B	5	<i>Diamond Plant</i> .—See <i>Mesembryanthemum</i> .
<i>Dianthus, Pink</i> .....	“	“	“	C	“	<i>Dianthus barbatus</i> .—Sweet William, will bloom the first year if sown early. D) Chinensis, Chinese Pink.
“ <i>barbatus, single</i> .....	hP	1 1/2	mixed	“	5	
“ <i>double</i> .....	“	1 1/2	white	“	5	
“ <i>Caryophyllus (Carnation)</i> .....	hhP	2	finest mix'd	F	25	<i>D. carnation grenadin</i> .—“For Florists' purposes and sale plant this fine and floriferous carnation is invaluable.”
“ <i>Clove Pink</i> .....	“	“	mixed	“	10	“It blooms three weeks earlier than any other variety, and furnishes a profusion
“ <i>picotee</i> .....	“	“	finest mix'd	“	“	
“ <i>perpetual or tree</i> .....	“	“	“	“	“	
“ <i>grenadin</i> .....	“	“	“	“	“	

Our Flower Seeds are Choice Imported Stock.

NAME.	Hardness and Duration	Height Feet	Color of Flower.	Culture.	Per Pkt	GENERAL OBSERVATIONS.
<b>Dianthus</b> , chinensis fl. pl. ....	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses.
“ Imperial .....	“	1	“	“	10	“
“ Heddeewigi, double .....	“	1	finestmix'd	“	10	“
“ laciniatus .....	“	1	“	“	10	“
<b>Digitalis</b> , Foxglove, lutea. ....	hP	3	mixed.	C	5	<b>Digitalis</b> , Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.
<b>Dolichos</b> Lablab. ....	“	“	mixed.	A	5	<b>Dolichos</b> .—A mid climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
“ Hyacinth Bean. ....	hA	10	“	“	“	“
<b>Elichrysium monstrosum</b> .....	hhA	2	mixed.	B	5	<b>Elichrysium</b> .—Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
<b>Eragrostis elegans</b> .....	“	2	“	B	5	<b>Eragrostis</b> .—Love Grass, for dried bouquets.
<b>Erysimum</b> Arkanianum .....	hA	1	yellow.	A	5	<b>Erysimum</b> .—Showy annuals for borders or masses.
“ Peroffskianum .....	“	1½	orange.	“	“	“
<b>Erianthus</b> Ravenna. ....	hP	10	“	C	10	<b>Erianthus</b> .—A superb grass, resembling Pampas grass.
<b>Eschscholtzia</b> californica. ....	hA	1	yellow.	E	5	<b>Eschscholtzia</b> .—California Poppy
<b>Eucharidium</b> grandiflorum. ....	“	1	mixed.	“	5	<b>Eucharidium</b> .—Pretty flowering annuals similar to Clarkia.
<b>Euphorbia</b> variegata. ....	“	2	white.	E	5	<b>Euphorbia</b> .—Variegated foliage.
<b>Fenzlia</b> dianthiflora. ....	“	¼	rosy lilac.	“	10	<b>Fenzlia</b> .—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
<b>Feverfew</b> .....	“	“	“	E	5	<b>Feverfew</b> .—See Matricaria.
<b>Forget-me-not</b> .....	“	“	“	D	5	<b>Forget-me-not</b> .—See Myosotis.
<b>Four o'clock</b> .....	“	“	“	A	5	<b>Four o'clock</b> .—See Mirabilis.
<b>Foxglove</b> .....	“	“	“	C	5	<b>Foxglove</b> .—See Digitalis.
<b>Gaillardia</b> picta. ....	hhA	1½	yellow.	A	5	<b>Gaillardia</b> .—Very showy flowering plants, adapted for bedding, also charming for pot plants.
“ .....	“	1½	mixed.	“	5	“
<b>Gilia</b> .....	hA	1	finestmix'd	A	5	<b>Gilia</b> .....
<b>Gilly Flower</b> .....	“	“	“	B	5	<b>Gilly Flower</b> .—See Ten Weeks Stock.
<b>Globe Amaranthus</b> .....	“	“	“	“	5	<b>Globe Amaranthus</b> .—See Gomphrena.
<b>Gloxinia</b> French hybrida, saved from choicest flowers. ....	“	1	mixed.	F	50	<b>Gloxinia</b> .—Stove house plants of great beauty.
<b>Godetia</b> rubicunda. ....	hA	1½	rose.	A	5	<b>Godetia</b> .—Excellent free blooming plants, very desirable for beds, borders and ribbons.
“ finest mixed. ....	“	1½	mixed.	“	5	“
<b>Golden Eternal Flower</b> .....	“	“	“	A	“	<b>Golden Eternal Flower</b> .—See Elichrysium.
<b>Gomphrena</b> globosa. ....	“	“	“	D	“	<b>Gomphrena</b> .—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.
“ “ mixed. ....	hhA	2	mixed.	“	5	“
<b>Golden Feather</b> .....	“	“	“	A	“	<b>Golden Feather</b> .—See Pyrethrum.
<b>Gourds</b> .....	hhA	15	mixed.	E	5	<b>Gourds</b> .—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
<b>Gynerium</b> argenteum. ....	hhP	12	silver.	F	5	<b>Gynerium</b> .—Pampas Grass.
<b>Gypsophila</b> elegans. ....	hA	1½	white.	E	5	<b>Gypsophila</b> .—Fine airy flowers, suitable for bouquets; very nice for growing in masses.
<b>Heartsease</b> .....	“	“	“	B	“	<b>Heartsease</b> .—See Viola tricolor maxima.
<b>Helianthus</b> macrophyllus giganteus. ....	hA	10	yellow.	E	5	<b>Helianthus</b> .—Sunflower. Tall growing plants with immense yellow flowers.
“ californicus double. ....	“	6	orange.	“	5	“
“ globosus fistulosus, fl. pl. ....	“	4	saf. color.	“	5	<b>Helianthus globosus fistulosus fl. pl.</b> —Flowers very large and double.
“ nanus plena. ....	“	2	dbl. yellow.	“	5	“
<b>Heliotropium</b> , dark varieties. ....	hhP	2	mixed.	F	10	<b>Heliotropium</b> .—Heliotrope.
<b>Hibiscus</b> africanus. ....	hA	1½	sul & black.	“	5	<b>Hibiscus</b> .—Commonly named African Rose.
<b>Hollyhock</b> , best double. ....	hP	6	mixed.	10	“	<b>Hollyhock</b> .—Saved from the best double sorts of the finest strains.
“ Chater's d'ble extra fine. ....	“	6	“	10	“	“
<b>Honesty</b> .....	“	“	“	“	“	<b>Honesty</b> .—See Lunaria.
<b>Hyacinth Bean</b> .....	“	“	“	“	“	<b>Hyacinth Bean</b> .—See Dolichos.
<b>Iberis</b> (Candytuft) .....	hA	1	mixed.	5	“	<b>Iberis</b> .—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
“ coronata white rocket. ....	“	1	white.	“	5	“
“ umbellata. ....	“	1	“	“	5	“
“ purpurea (Dunnett's). ....	“	1	dark crim.	“	5	<b>I. sempervirens</b> , or perennial Candytuft,

Beautify your Lawn by using our Seed and Dressing.

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<b>Iberis lilacina</b> .....	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <b>sempervirens</b> .....	hP	1	white.	5	
" <b>pectinata odorata</b> .....	hA	1	"	5	
<b>Ice Plant</b> .....					<b>Ice Plant.</b> —See Mesembryanthemum.
<b>Indian Shot</b> .....					<b>Indian Shot.</b> —See Canna.
<b>Ipomæa bona nox</b> .....	hA	10	white.	5	<b>Ipomæa bona nox.</b> —Evening Glory.
" <b>coccinea</b> .....	"	10	scarlet.	5	<b>I. coccinea.</b> —Star Ipomæa. <b>I. grandiflora.</b> —Variegated Morning Glory.
" <b>marmorata grandiflora</b> .....	"	10	variegated mixed.	5	<b>I. quamoclit.</b> —Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <b>quamoclit (Cypress Vine)</b> .....	"	10	"	5	
<b>Jacobæa</b> .....					<b>Jacobæa.</b> —See Senecio.
<b>Job's Tears</b> .....					<b>Job's Tears.</b> —See Coix lacryma.
<b>Lady's Slipper</b> .....					<b>Lady's Slipper.</b> —See Calceolaria and Balsam.
<b>Lantana, hybrida finest</b> .....	hhP	2	mixed.	10	<b>Larkspur.</b> —See Delphinium.
<b>Larkspur</b> .....					
<b>Lathyrus odoratus (Sweet Pea)</b> .....	hA	5	mixed.	5	
" <b>Painted Lady</b> .....			rose & wh.	5	<b>Lathyrus.</b> —Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
" <b>Everlasting Pea</b> .....	hP	5	"	5	
" <b>white</b> .....		5	"	5	
<b>Lavender</b> .....					<b>Lavender.</b> —See Lavendula.
<b>Lavendula</b> .....	hP	2	violet.	5	<b>Lavendula.</b> —Well-known old-fashioned flower, highly prized for its peculiar odor.
<b>Leptosiphon hybridus, French</b> .....	hA	¾	various.	10	<b>Leptosiphon.</b> —Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<b>Linaria cymbalaria</b> .....	hP	..	lavender.	10	<b>Linaria.</b> —Kenilworth or Coliseum Ivy.
" <b>Finest mixed</b> .....	hA	1	mixed.	5	<b>Linum.</b> —Scarlet Flax.
<b>Linum grandiflorum rubrum</b> .....	hP	1	splen. scar.	5	
<b>Loasa hispida</b> .....	hA	..	golden yel.	5	
" <b>tricolor</b> .....			yel shaded	5	<b>Loasa.</b> —Climbers, with curious flowers.
<b>Lobelia cardinalis Queen Victoria</b> .....	hP	2	scarlet.	10	<b>Lobelia cardinalis.</b> —Cardinal Flower. With darkest leaves, very beautiful. <b>L. speciosa.</b> —One of the most effective varieties for bedding. <b>L. erecta.</b> —Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
" <b>erinus gracilis</b> .....	hA	1½	dark blue.	5	
" <b>speciosa Crystal Palace</b> .....	"	1½	"	10	
" <b>erecta</b> .....	"	1½	"	10	
<b>Lophospermum scandens</b> .....	hA	10	mixed.	15	<b>Lophospermum.</b> —Beautiful climbing plant, with very large trumpet-shaped flowers.
<b>Love-in-a-mist</b> .....					<b>Love-in-a-mist.</b> —See Nigella hispanica.
<b>Love-in-a-puff</b> .....					<b>Love-in-a-puff.</b> —See Balloon Vine.
<b>Love-lies-bleeding</b> .....					<b>Love-lies-bleeding.</b> —See Amaranthus caudatus.
<b>Lunaria annua</b> .....	hB	2	purple.	5	<b>Lunaria.</b> —Honesty.
<b>Lupinus finest annual sorts mixed</b> .....	hA	2	mixed.	5	<b>Lupinus.</b> —Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<b>Lychnis Haageana Fine Hybrid</b> .....	hP	1	scarlet.	5	<b>Lychnis.</b> —Ragged Robbin.
<b>Maize Japanese</b> .....	hA	4	striped leaf	5	<b>Maize.</b> —Striped Japanese Corn. Very ornamental.
<b>Malope grandiflora</b> .....	"	1½	mixed.	5	<b>Marigolds.</b> —See Tagetes.
<b>Marigolds</b> .....					
<b>Martynia fragrans</b> .....	hA	1½	crimson.	5	<b>Marvel of Peru.</b> —See Mirabilis.
<b>Marvel of Peru</b> .....	hA	1½	"	5	
<b>Matricaria capensis fl. pl.</b> .....	hP	1	white.	5	
<b>Maurandia Barclayana</b> .....	hhP	10	mixed.	10	<b>Mesembryanthemum crystallinum.</b> —Diamond Plant.
" <b>finest colors</b> .....	"	10	mixed.	10	
<b>Mesembryanthemum crystallinum</b> .....	hA	1½	white.	5	
<b>Mignonette</b> .....					<b>Mignonette.</b> —See Reseda.
<b>Mimosa pudica</b> .....	hA	2	pink, wht.	5	<b>Mimosa.</b> —Sensitive Plant.
<b>Mimulus cardinalis</b> .....	hP	1	scarlet.	5	<b>Mimulus cardinalis.</b> —Monkey Flower; will bloom the first season from seed.
" <b>tigrinus</b> .....	"	1	spotted.	10	

NAME.	Hardness and Duration	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<b>Mimulus moschatus</b> .....	hhP	½	yellow.	10	They like a damp, shady situation. <b>M. moschatus</b> .—Musk Plant.
<b>Mirabilis Jalapa</b> .....	"	2	finestmix'd	5	<b>Mirabilis</b> .—Marvel of Peru; Four o'clock
<b>Momordica balsamina</b> .....	hhA	10	yellow.	5	<b>Momordica</b> .—Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
<b>Monkey Flower</b> .....	"	"	"	10	<b>Monkey Flower</b> .—See <b>Mimulus</b> .
<b>Morning Glory</b> .....	"	"	"	5	<b>Morning Glory</b> .—See <b>Convolvulus major</b> .
<b>Mourning Bride</b> .....	"	"	"	5	<b>Mourning Bride</b> .—See <b>Scabiosa</b> .
<b>Mukia scabrella</b> .....	A	10	sc. fruit.	10	<b>Mukia</b> .—Handsome Climber, with scarlet berries.
<b>Musk Plant</b> .....	"	"	"	"	<b>Musk Plant</b> .—See <b>Mimulus</b> .
<b>Myosotis alpestris coerulea</b> .....	hP	¾	blue.	5	<b>Myosotis</b> .—Forget-me-not; thrives best in moist and shady situations.
" <b>azorica</b> .....	hhP	½	dark blue.	10	
" <b>palustris</b> .....	hP	½	blue.	10	
<b>Myrsiphyllum asparagoides</b> .....	gP	10	foliage orn.	20	<b>Myrsiphyllum</b> .—Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
<b>Nasturtium</b> .....	"	"	"	"	<b>Nasturtium</b> .—See <b>Tropæolum</b> .
<b>Nemesia</b> .....	hA	1	mixed.	10	<b>Nemesia</b> .—Compact growing and immensely profuse flowering.
<b>Nemophilla insignis</b> .....	"	1	mixed.	5	<b>Nemophilla</b> .—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
<b>Nicotiana atropurpurea grand</b> .....	hhA	8	purple.	10	<b>Nicotiana tabacum fol. var.</b> —New, striped leaves.
" <b>tabacum fol. var.</b> .....	"	8	str. leaf.	10	
<b>Nigella damascena, fl. pl.</b> .....	hA	1½	dark blue.	5	<b>Nigella</b> .—Devil-in-a-bush. <b>N. hispanica</b> .—Love-in-a-mist.
" <b>hispanica</b> .....	"	1½	purple.	5	
<b>Nolana atriplicifolia</b> .....	"	1½	mixed.	5	<b>Nolana</b> .—Trailing plants; very useful for rustic work, hanging baskets and rockeries.
<b>Nun's Whipping Post</b> .....	"	"	"	"	<b>Nun's Whipping Post</b> .— <b>Amaranthus melancholicus</b> .
<b>Oenothera grandiflora Lamarckiana</b> .....	hP	3	yellow.	5	<b>Oenothera</b> .—Evening primrose; large flowers three to four inches in diameter.
<b>Pansy</b> .....	"	"	"	"	<b>Pansy</b> .—See <b>Viola tricolor</b> .
<b>Papaver carnation double</b> .....	hA	2	mixed.	5	<b>Papaver</b> .—Poppy; brilliant flowers, large and showy.
<b>Peas, Sweet</b> .....	"	"	"	"	<b>Peas, Sweet</b> .—See <b>Lathyrus odoratus</b> .
<b>Pentstemon hybridus</b> .....	hP	2	mixed.	25	<b>Pentstemon</b> .—Herbaceous plants; start in hot-bed, in shape the flowers resemble the <b>Gloxinia</b> , and are of great beauty.
<b>Perilla nankinensis</b> .....	hhA	2	foliage orn.	5	<b>Perilla</b> .—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
<b>Petunia grandiflora Kermesina</b> .....	hhP	2	crimson.	25	<b>Petunia grand. kermesina</b> .—With white throat; very large. <b>P. grand. maculata</b> .—Large flowering; blotched. <b>P. grand. purpurea</b> .—Fine dark varieties; splendid. <b>P. splendid single</b> .—Saved from the choicest flowers; very large. <b>P. extra fine, double</b> .—The seed of this strain has been obtained from the most perfect double blooms only.
" <b>maculata Inimitable</b> .....	"	2	blotched.	25	
" <b>purpurea</b> .....	"	2	purple.	25	
" <b>splendid single</b> .....	"	2	mixed.	25	
" <b>extra fine, double</b> .....	"	2	"	50	
" <b>fimbriata, splendid mixture, fringed varieties</b> .....	"	"	"	50	
<b>Petunia hybrida, extra fine</b> .....	hhP	2	mixed.	40	<b>Petunia grand. fim. splendid mixture, fringed varieties</b> .
" <b>grandiflora fimbriata, fl. pl., splendid mixture</b> .....	"	2	mixed.	50	
<b>Petunia hybrida, first quality</b> .....	"	2	"	10	<b>Petunia hyb. grand. fimbriata, double splendid mixture</b> .
" <b>nana, compacta multiflora</b> .....	"	"	"	10	
" <b>nyctaginiflora</b> .....	hhP	2	white.	5	<b>Petunia n. com. mult.</b>
<b>Phlox Drummondii</b> .....	hA	1	finestmix'd	5	<b>Phlox</b> .—Excellent for bedding in masses or for borders, flowering in great profusion.
" <b>alba</b> .....	"	1	white.	5	<b>Alba aculata</b> .—White, with purple eye.
" <b>alba oculata</b> .....	"	1	wht. & pur.	5	<b>Atropurpurea</b> .—Black warrior, deep blood purple. <b>Coccinea</b> .—Brilliant scarlet. <b>Leopoldi</b> .—Bright rose, white eye. <b>Radowitzki</b> .—Rose striped. <b>Queen Victoria</b> .—Blue, white eye.
" <b>coccinea</b> .....	"	1	scarlet.	5	
" <b>Radowitzki</b> .....	"	1	rosestriped	5	
" <b>Leopoldi</b> .....	"	1	rose & wht	5	
" <b>Queen Victoria</b> .....	"	1	blue & wht.	5	
<b>Poppy</b> .....	"	"	"	"	<b>Poppy</b> .—See <b>Papaver</b> .
<b>Poor Man's Weather Glass</b> .....	"	"	"	"	<b>Poor Man's Weather Glass</b> .—See <b>Anagallis</b> .
<b>Portulaca finest single</b> .....	hA	½	mixed.	5	<b>Portulaca</b> .—Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of <b>Portulacas</b> will
" <b>grandiflora d'ble, ex. qual</b> .....	"	½	"	15	

Good Seeds and Fertilizers make beautiful Lawns. We have both.

NAME	Hardness and Duration	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	..	..	..	..	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction
“ “ fimbriata.....	“	¾	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition
“ Golden Feather.....	hP	1	foliage yel.	10	with elegant lacinated foliage.
“ parth. aurea fol. laciniatis.....	hP	1	foliage yel.	20	
Quaking Grass.....	..	..	..	5	Quaking Grass.—See Briza.
Ragged Robin.....	..	..	..	5	Ragged Robin.—See Lychnis.
Reseda odorata.....	hA	1	buff.	5	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly.
“ “ ameliorata.....	“	..	red.	5	
“ “ Golden Queen.....	hA	1½	yellow.	10	Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
“ “ Miles' New Spiral.....	hA	1½	buff.	10	
“ gigantea pyramidalis.....	“	2	“	10	
“ Parson's New White.....	“	1½	white.	10	
Rhodanthe maculata.....	hhA	1	crimson.	10	
“ alba.....	“	1	white.	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Ricinus. + Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a sub-tropical effect is desired.
“ giganteus glaucus.....	“	10	“	5	
“ Gibsoni.....	“	8	“	5	
“ sanguineus (Obermanni).....	“	10	“	5	
“ species from the Philippines.....	“	10	“	5	
“ dwarf rose.....	“	4	“	5	
Rose Campion.....	..	..	..	5	Rose Campion.—See Agrostemma.
Rose of Heaven.....	..	..	..	5	Rose of Heaven.—See Viscaria.
Rose of Sharon.....	..	..	..	5	Rose of Sharon.—See Hibiscus.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ splendens.....	hhP	3	“	25	
“ patens.....	“	2½	blue.	25	
“ argentea.....	hhA	..	silver.	25	
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	5	Sanvitalia.—Flowers bright yellow and very double.
Saponaria.....	“	½	mixed.	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Scabiosa atropurpurea major.....	hA	2	fine mixed.	5	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand. — Excellent for cutting for bouquets.
“ atro. candidissima.....	“	1	pure white.	10	
“ minor, fl. pl.....	“	1	fine mixed.	10	
Schizanthus, finest.....	hA	1	mixed.	5	
Sedum coeruleum.....	“	¼	blue.	10	Sedum.—Stone crop.
Senecio “ dwarf.....	“	1	finest mix'd	10	Senecio.—Jacobaea.
Sensitive Plant.....	“	½	“	10	
Silene armeria.....	hA	2	fine mixed.	5	Sensitive Plant.—See Mimosa.
Smilax.....	..	..	..	..	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
Snapdragon.....	..	..	..	..	Smilax.—See Myrsiphyllum.
Solanum capsicarium.....	hhP	..	sc. fruit.	10	Snapdragon.—See Antirrhinum.
“ Lobeli.....	..	..	..	10	Solanum capsicarium.—Jerusalem Cherry.
Statice sinuata hybrida.....	hP	1	mixed.	5	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
Stipa pennata.....	hP	2	..	5	Stipa.—Feather Grass.
Stocks, ten weeks (Mathiola).....	hhA	1½	mixed.	5	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration.
“ “ double dwarf German.....	“	1	pure white.	10	
“ “ large flowering.....	“	1	purple.	10	
“ “ “.....	“	1	dark crim.	10	
“ “ “.....	“	1	scarlet.	10	
“ “ “.....	“	1	canary yel.	10	
“ “ large flow'ing pyramidal dwarf.....	hB	1	mixed.	10	Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
“ “ Winter, or Brompton.....	hhP	2	“	10	
“ “ Emperor, or Perpetual.....	hhP	1½	“	10	



NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.	..	..	..	..	Sunflower.—See Helianthus.
Swan River Daisy.	..	..	..	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.	..	..	..	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.	..	..	..	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.	..	..	..	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.	..	..	..	..	Sweet Sultan.—See Centaurea.
Sweet William.	..	..	..	..	Sweet William.—See Dianthus.
Tagetes double African.	hhA	2	mixed.	5	Tagetes.—Margold; good old-fashioned flowers, very popular.
" " French.	"	1½	"	5	
" " signata pumila.	"	1	br. & yel.	5	
Tassel Flower.	hA	6	mixed.	5	Tassel Flower.—See Cactalia.
Thunbergia, finest.	..	..	..	..	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.	"	2	..	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.	hP	4	orange red.	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unequalled excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
" " Lobianum Brilliant.	"	6	dark scar.	10	
" " Crown Prince of Prussia.	"	6	blood red.	10	
" " Giant des Batailles.	"	6	carmine.	10	
" " Lilli Smith.	"	6	crimson.	10	
" " Napoleon III.	"	6	ver. striped	10	
" " Lucifer (very rare).	"	6	cri. dk. fol.	10	
" " Roi des Noirs.	"	6	almost blk.	10	
" " Spitfire.	"	6	brigh scar.	10	
" " finest varieties.	"	6	mix. colors.	5	
" majus atropurpureum.	"	6	black bro'n	10	
" " coccineum.	"	6	scarlet.	10	
" " lutem.	"	6	yellow.	10	
" " regelianum.	"	6	pur. violet.	10	
" cœruleo roseum.	"	6	d. rose.	10	
" majus, finest varieties.	hhA	6	mixed.	5	
" Tom Thumb, Carter's scarlet.	hA	1	scarlet.	10	
" " Crystal Palace Gem.	"	1	sul.col.spt.	10	
" " King of Tom Thumbs.	"	1	dp. scarlet.	10	
" " King Theodore.	"	1	very dark.	10	
" " Pearl.	"	1	nearly wht.	10	
" " Ruby King (new).	"	1	carmine.	10	
" " luteum.	"	1	bright yel.	10	
" " cœruleo roseum.	"	1	mar tint.	10	
Venus' Looking Glass.	..	..	..	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.	hhP	..	mixed.	15	Verbena Candidissima. New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.	hhA	½	blue & wht	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
" " fl. albo.	"	½	white.	5	
Vinca rosea.	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
" alba.	g sh.	2	white.	10	
Viola tricolor maxima, Pansy, finest.	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
" " " very large flow'g	"	½	"	5	
" " " candidissima	"	½	"	5	
" " " Snow Queen	"	½	white.	20	
" Emperor William.	"	½	deep blue.	10	
" Faust, or King of the Blacks.	"	½	coal black.	10	
" Odier, or five blotched.	"	½	various.	10	
" Gold-margined.	"	½	mer. with y	10	
" Violet color margined.	"	½	mar. withw	15	
" White Treasure.	"	½	pure white.	15	
" Yellow.	"	½	pure yel.	15	
" good quality.	"	½	mixed.	15	
" odorata. The Czar (Violet).	"	½	blue.	25	
Viscaria hybrida splendens.	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.	hhP	1½	mixed.	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.	hA	1½	white.	5	
" " " "	"	1½	purple.	5	
Wigandia caracasana.	hhS	8	or. leaf.	10	Wigandia.—Elegant, stately, ornamental plants.
" " vigieri.	"	8	"	10	

**Use our Special Lawn Dressing and avoid foul weeds.**

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Xeranthemum</i> .....	hA	2	mixed.	10	<i>Xeranthemum</i> —Everlasting flowers, useful for summer or winter bouquets.
<i>Zea Japonica</i> .....	"	6	strip'd leaf.	5	<i>Zea Japonica</i> —See Maize.
<i>Zinnia elegans</i> fl. pl. ....	Ahh	2	mixed.	5	<i>Double Zinnia</i> —Of res. beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

### ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Agrostis nebulosa</i> .....	hA	1	.....	5	<i>Avena</i> —Animated Oats.
<i>Avena sterilis</i> .....	"	2	.....	5	<i>Briza</i> —Quaking Grass.
<i>Briza compacta</i> .....	"	1	.....	5	<i>Coix lacrymus</i> —Job's Tears.
<i>maxima</i> .....	"	1	.....	5	<i>Eragrostis</i> —Love Grass.
<i>Bromus brizæformis</i> .....	"	1	.....	5	<i>Erianthus</i> —Beautiful and very showy.
<i>Coix lacryma</i> .....	"	1½	.....	5	<i>Gynierium</i> —Pampas Grass.
<i>Eragrostis elegans</i> .....	"	1	.....	5	<i>Stipa</i> —Feather Grass.
<i>Erianthus Ravennæ</i> .....	hP	10	.....	10	<i>Zea</i> —Japanese Maize (striped leaves).
<i>Gymnothrix latifolia</i> .....	hhP	8	.....	5	
<i>Gynierium argenteum</i> .....	"	8	.....	5	
<i>Stipa pennata</i> .....	hA	1½	.....	5	
<i>Zea Japonica</i> .....	"	6	.....	5	

### CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Abobra viridiflora</i> .....	hhP	6,	green.	5	<i>Abobra</i> —Ornamental Gourd, with elegant foliage and scarlet fruit.
<i>Adlumia cirrhosa</i> .....	hB	15	pink.	10	<i>Adlumia</i> —Mountain Fringe.
<i>Aristolochia siph.</i> .....	"	20	yel. & bro.	10	<i>Aristolochia</i> —Dutchman's Pipe.
<i>Beans</i> .....	hA	15	various.	5	<i>Beans</i> —Scarlet and White Runners.
<i>Bryonopsis erythrocarpa</i> .....	hhA	5	red.	10	<i>Bryonopsis</i> —Ornamental Gourd, striped, beautiful.
<i>Calampelis scabra</i> .....	"	8	orange.	10	<i>Balloon Vine</i> .
<i>Canary-bird-flower</i> .....	"	10	yellow.	10	<i>Calampelis</i> —Excellent for trellises.
<i>Cardiospermum halicacabum</i> .....	"	10	white.	10	<i>Canary-bird-flower</i> —See <i>Tropæolum canariense</i> .
<i>Clematis</i> .....	hP	10	mixed.	10	<i>Cardiospermum</i> —Balloon Vine.
<i>Cobaea scandens</i> .....	hhA	20	purple.	10	<i>Coccinea</i> —Ornamental Gourd with scarlet fruit.
<i>Coccinea indica</i> .....	hhP	6	red.	10	<i>Convolvulus</i> —Morning Glory.
<i>Convolvulus major</i> .....	hhA	10	mixed.	10	<i>Cucumis</i> —Ornamental Cucumber.
<i>mauritanicus</i> .....	hP	trail	blue.	15	<i>Cucurbita</i> —Ornamental Gourds, very desirable for screens.
<i>Cucumis</i> .....	hhA	10	mixed.	10	
<i>Cucurbita</i> .....	"	"	"	5	
<i>Hercules' Club</i> .....	hhA	16	yellow,	5	
<i>Mock Orange</i> .....	"	16	"	5	
<i>Powder Horn</i> .....	"	16	"	5	
<i>Smallest Lemon</i> .....	"	6	"	5	
<i>Gooseberry</i> .....	"	6	"	5	
<i>Pear-shaped</i> .....	"	6	"	5	
<i>Cypress Vine</i> .....	"	10	.....	5	<i>Cypress Vine</i> — <i>Ipomea quamoclit</i> .
<i>Dolichos lablab</i> , <i>Hyacinth Bean</i> .....	hA	10	purple.	10	
".....	"	10	white.	10	
<i>Ipomœa bona nox</i> .....	hhA	10	.....	5	<i>Ipomœa bona nox</i> —Evening Glory. I.
<i>coccinea</i> .....	"	10	scarlet.	5	<i>coccinea</i> — <i>Stai</i> <i>Ipomœa</i> . I. marmo.
<i>marmorata grandiflora</i> .....	"	10	variegated	5	<i>grand</i> —Variegated Morning Glory.
<i>quamoclit</i> <i>Cypress Vine</i> .....	"	10	mixed	5	<i>I. quamoclit</i> — <i>Cypress Vine</i> .

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Ipomæa quamoclit</i> .....	hhA	10	scarlet.	5	
" " ".....	"	10	white.	5	
" " ".....	"	10	rose.	5	
<i>Maurandia barclayana</i> .....	hhP	10	blue & wht.	10	
" " finest colors.....	"	10	mixed.	10	
<i>Momordica balsamina</i> .....	hhA	10	yellow.	5	
<i>Nasturtium</i> Tall, finest colors.....	"	6	mixed.	10	<i>Nasturtium</i> — <i>Tropæolum majus</i> .
" " ".....	"	6	scarlet.	10	
" " ".....	"	6	rose tinted.	10	
" " ".....	"	6	violet.	10	
" " ".....	"	6	yellow.	5	
Peas, Sweet, finest colors.....	hA	9	mixed.	5	Peas, Sweet—See <i>Lathyrus odoratus</i> .
" Capt. Clarke.....	"	9	tricolor.	5	
" Crown Princess of Prussia.....	"	9	blush.	5	
" Invincible.....	"	9	scarlet.	5	
" Red.....	"	9	dark.	5	
" White Striped.....	"	9	purple.	5	
" " ".....	"	9	red.	5	
" Light Blue.....	"	9	purple.	5	
" Pure White.....	"	9	red.	5	
<i>Thunbergia</i> .....	hA	6	mixed.	5	

## EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Acrolinium roseum</i> .....	hhA	1	rose.	5	
" <i>album</i> .....	hhA	1	white.	5	
<i>Ammobium alatum</i> .....	hA	2	"	5	
<i>Gomphrena globosa</i> .....	hhA	2	red.	5	<i>Gomphrena</i> —Globe <i>Amaranthus</i> .
" " ".....	"	2	white.	5	
" " ".....	"	2	striped.	5	
" " ".....	"	2	mixed.	5	
<i>Helichrysum monstrosum</i> .....	hA	2	white.	5	<i>Helichrysum</i> — <i>Elichrysum</i> , or Eter- nal Flower.
" " ".....	"	2	yellow.	5	
" " ".....	"	2	rose.	5	
<i>Rodanthe maculata</i> .....	hhA	1	"	10	
" " <i>alba</i> .....	"	1	white.	10	
<i>Xeranthemum</i> .....	hA	2	mixed.	10	

## List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME.	Color of Flower.	Per Pkt.	NAME.	Color of Flower.	Per Pkt.
<i>Ageratum Mexicanum</i> .....	blue.	5	<i>Mesembryanthemum</i> , Ice Plant..	mixed.	5
<i>Alyssum</i> , Sweet.....	white.	5	<i>Mimulus moschatus</i> , Musk Plant..	yellow.	10
<i>Anagallis</i> .....	mixed.	5	<i>Nasturtium</i> , dwarf.....	mixed.	5
<i>Calandrina umbellata</i> .....	crimson.	10	" <i>T. lobbianum</i> .....	"	10
<i>Centaurea gymnocarpa</i> .....	silver leaf.	15	<i>Nemophila insignis</i> .....	"	5
" <i>candidissima</i> .....	"	15	" <i>maculata</i> .....	"	5
<i>Clintonia elegans</i> .....	blue.	10	<i>Nolana atriplicifolia</i> .....	"	5
<i>Convolvulus mauritanicus</i> .....	lavender.	15	<i>Petunia</i> single.....	"	10
<i>Eucharidium grandiflorum</i> .....	crimson.	5	" double or fringed.....	"	50
<i>Fenzlia dianthiflora</i> .....	rosy lilac.	25	<i>Portulaca</i> double.....	"	15
<i>Gilia tricolor</i> .....	mixed.	5	<i>Sanvitalia procumbens</i> .....	yellow.	10
<i>Iberis amara</i> (Candytuft).....	white.	5	<i>Saponaria</i> .....	mixed.	10
<i>Linaria</i> (Coliseum Ivy).....	mixed.	5	<i>Sedum coeruleum</i> .....	"	10
<i>Lobelia erinus</i> .....	blue.	10	<i>Stocks</i> , large flowering.....	mixed.	10
" <i>gracilis</i> .....	"	10			

Use our Plant Food for Flowers, and Sheep Fertilizer for Lawns.

# NEW AND DESIRABLE FLOWER SEEDS, ETC.

## NOT IN OUR REGULAR LIST.

**Aquilegia Stuarti Columbine.** Flowers very large, four inches in diameter. 20 cts. per pkg.

**Aster Comet.** Colors various with long wavy petals full flower. 10 cents.

**Aster, "Snowball."** Pure white pompon shape flower, about 15 inches high. 20 cts. per pkg.

**Aster Harlequin.** Spotted and striped double, mixed. 25 cts. per package.

**Aster Mignon.** Pure white, small pompon flowers. 10 cts. per package.

**Aster New Victoria.** Mixed colors, tall full flower, pyramidal shape. 10 cts.

**Aster Ball or Jewel.** Symmetrically incurved, the bloom a perfect ball. 25 cts. per package.

**Cosmos.** Large crimson, white and pink flowers in autumn. 10 cts. per package.

**Humulus, Japonicus.** Japanese Hop Vine. One of the best vines for rapid growth and ornamental appearance. 10 cts. per package.

**Ipomœa Noctiflora, Moon Flower, or Evening Glory,** should be sown as early as March and transplanted as soon as season will admit.

**Ipomopsis.** A very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial, and suitable for dry situations.

**Lathyrus Odoratus. "Sweet Peas."** Imported by us annually.

" **Adonis.** Beautiful deep rose with wings almost carmine. 10 cts.

" **Apple Blossom.** Resembles the flower of Apple blossoms very closely.

" **Bcreation.** Its flowers are a rich dark chestnut color. 10 cts.

" **Bronze Prince.** Rich chestnut color bronze Maroon. 10 cts.

" **Cardinal.** New, very beautiful. 10 cts. per package.

" **Crown Princess of Prussia.** Bright blush. 10 cts. per package.

" **Duchess of Edinburg.** Autumn tints, variegated light scarlet, crimson tints, margined light. 10 cts. per package.

" **Imperial Blue.** Invincible blue, very fine. 10 cts. per package.

" **Imperial Black.** 10 cts. per package.

" **Indigo King.** "Purple Prince," very dark. 10 cts. per package.

" **Isa Eckford.** New, charming variety, flowers rosy pink shaded with carmine, creamy white. 10 cts. per package.

" **Orange Prince.** New, distinct and fine, rose colored wings and orange red standards

" **Prince of Wales.** White with blue stripes. 10 cts. per package.

" **Queen of the Isles.** Mottled with white and purple. 10 cts.

" **Splendor.** Dark rose color shaded with crimson. 5 cts. per package.

" **Invincible Scarlet.** Striped fine. 5 cts. per package.

" **" Carmine.** New. 5 cts. per package.

" **Splendid Hybrid.** Mixed. 10 cts. per package.

" **The Blanche Ferry.** 10 cts. per package.

**Margaret Carnation.** Rapid blooming. 15 cts. per package.

**Mirabilis Longiflora or Jocky Club.** Flower very fragrant, similar to the perfume whose name it bears, pure white, blossoms from seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per package.

**Nicotiana Affinis.** Pure white and very fragrant, annual. 10 cts. per package.

**Pyrethrum Roseum.** Insect Powder. 10 cts. per package.

**Reseda Machet.** Thick spikes with reddish flowers. 5 cts. per package.

Our Mixture of Nasturtium is the Finest in the Country.

Tall, 10 cts. per oz. Dwarf, 15 cts.

**Tropæolum, Cloth of Gold.** Light foliage, dwarf. 5 cts. per package.

" **Empress of India.** Dwarf, dark leaved foliage. 5 cents.

" **Tricolor, (Jaratti) Grandiflora.** Dwarf. 5 cts. per package.

" **Asa Gray.** New, yellowish white, very fine. 5 cts.

" **Cardinal.** Dark scarlet, fine. 5 cts. per package.

" **Chaixianum.** Yellow, spotted with red, very fine. 5 cts.

" **Flammulum Grandiflorum.** Tall, scarlet and yellow, extra fine. 5 cts.

**Zinnia, New Striped or Zebra Zinnias.** Variegated pompon shaped flower. 10 cts. pkg.

**Zinnia Golden Yellow Striped Scarlet,** 10 cts. per package.

**Zinnia, Tom Thumb.** New, dwarf, mixed very double. 10 cts. per package.

Wild Flower Garden, per package, 10 cents.

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Five-Acre Farm  
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The Vineyard  
Implements  
Kitchen Garden  
Current Work  
Rural

Improvement  
Tree Planting  
Landscape Art  
Home Grounds

# American Gardening

Published Weekly. \$1.00 a Year

Our Doctrine: INTENSIVE CULTIVATION—the ability to obtain large results from limited areas.

An Illustrated Journal of Technical Instruction and Record of Current Events; from the Window Garden to the 5-Acre Farm.

No other paper unites so systematically and thoroughly the beautiful with the needful, embracing all Pleasure and Profit in working the soil, elucidating all methods that tend to make it yield freely, and its products subservient to home and market. Our energies are directed to the well being, comfort and financial success of our tens of thousands of readers in country and suburbs. AMERICAN GARDENING fills all wants and includes all that is worth knowing. *Specimen copies will be mailed free to all applicants.*

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## WINTER OATS.

THEY are sown in the fall when wheat is seeded, or earlier if desired. They will mature their crop usually a few days later than wheat; a strong, vigorous grower; average height when ripe about  $3\frac{1}{2}$  to 4 feet; stool wonderfully. Stiff straw; stand up well and yield from 30 to 60 bushels to an acre; one farmer in this section has just harvested 1800 bushels from 27 acres. They are perfectly hardy, having withstood a temperature of 40 degrees below zero. If sown early in September they furnish excellent pasture in the fall. One to one and a half bushels will seed an acre.

Price, \$1.00 Per Bushel.

# Lawn Mowers Cheap.

New Easy, Imperial, The Rex,

Bay State, Granite State,

Philadelphia. Boston,

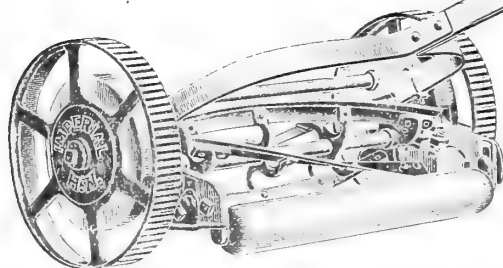
**ALL WARRANTED**

THESE are Lawn Mowers that will do good work, are durable and easy running, and will be sold for a very reasonable price. We will place one on your lawn in competition with any other named lawn mower, subject to the approval of the operator. SATISFACTION GUARANTEED OR NO SALE. Retail price as low as any first-class Mower. Sharpening and repairing a specialty. Border Shears, Grass Shears, Edging Knives, Weeders, Dock Spuds, Weeding Trowels, Leaf Rakes. The Triumph Adjustable Grass Catcher.

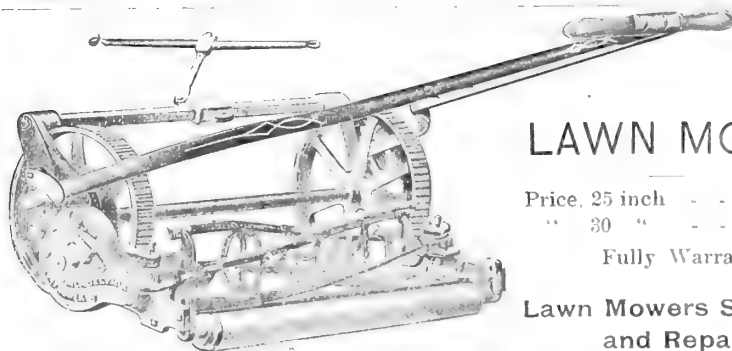


## HIGH WHEEL IMPERIAL.

Warranted for Two Years.



IMPERIAL



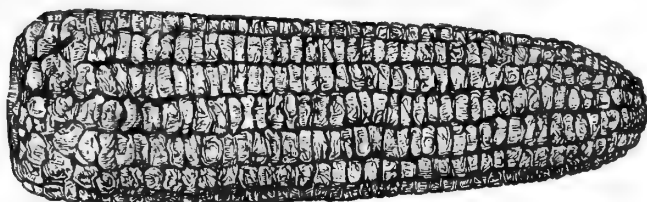
PONY

## LAWN MOWER

Price, 25 inch - - - - \$40.00  
 " 30 " - - - - 70.00

Fully Warranted.

Lawn Mowers Sharpened  
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**PERRY'S HYBRID SUGAR CORN.**

Is acknowledged by all seedsmen to be the best and largest second early corn in use.

This is the largest early sweet corn that we have ever seen; ears of the same were ready for use a few days later than the Marblehead and before the Minnesota, but of double the size of either of these varieties, the ears being twelve rowed, and sometimes fourteen. The kernels are large and tender, and deliciously sweet, stalks vigorous with two perfect ears on a stalk. A good, large, early sweet corn has long been desired. Price per bush., \$3.00.

**LEAMING CORN.**

**T**HIS Popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. This corn is too well known to enter into a detailed description of its merits here; suffice to say that it is a very uniform, medium sized, very early, (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium tall, and very thick and strong. Our farmers were very successful last season. The sale will be much increased in the future for Ensilage.

**PRIDE OF THE NORTH.**

**B**Y SELECTING and being grown for many years in Northern Wisconsin, has become quite distinct and is now about ten days earlier than the Leaming and grows two feet less stalk. We carry stock of the PRIDE CORN and we will always supply you at lowest market prices.

Sweet Corn for ensilage purposes we also can sell at a very reasonable price,

**FIELD CORN.**—We have a fine stock of White Canada Flint, Angel of Midnight, Early Smut Nose and other varieties, in traces and shelled.



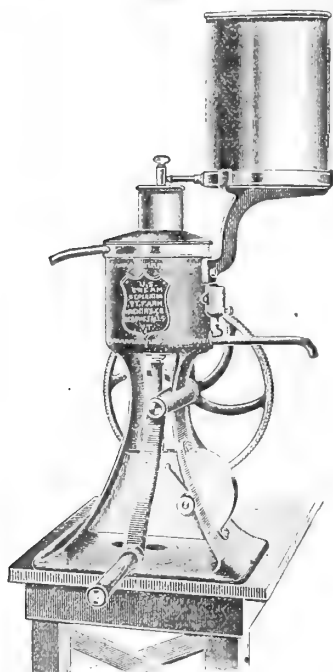
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**WIARD'S AUTOMATIC HAND CORN PLANTER.**

Simple, Durable, Economical. Price \$1.75.



We sell the best Cream Separator in the market, fully warranted. Price \$120. We have the best Plows for the least money.



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# Vermont Farm Machine Co.

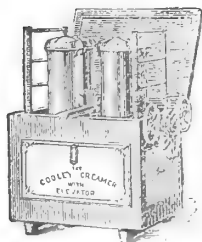
### BELLOWS FALLS, VT.

We are agents for their full line of CREAMERS. U. S. Cream Separators, Churns, Dog Powers, Etc. We show a full line on this page.

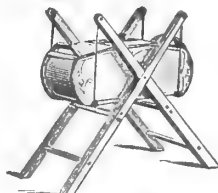
Mr. C. A. Wilcox of Fairmont, N. Y., who is using one of our No. 5 U. S. Cream Separators, says: "My wife skimmed a pan of milk closely, and then we run it through one of your U. S. Cream Separators and got a cup full of cream from it."

Every Separator absolutely warranted in every way, and put out on its own merits. Responsible parties will be permitted to give it a thorough trial before purchasing.

We also refer to Calvin Wilbur, of Fairmount; Jerry and Isaac Olmsted, of Borodino, and Mrs. Cool. of Jamesville, who are using them.



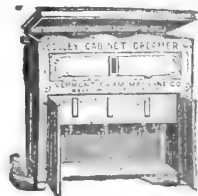
WITH ELEVATORS.



DAVIS SEWING CHURN.



BUTTER WORKER.



CABINET STYLE.

### Favorite and Other Barrel Churns.

No.			
1.	10 gallon, will churn,	5 gal.	\$4 50
2.	15 " " "	8 " "	5 00
3.	20 " " "	10 " "	5 50
4.	25 " " "	12 " "	7 00
5.	30 " " "	14 " "	8 00

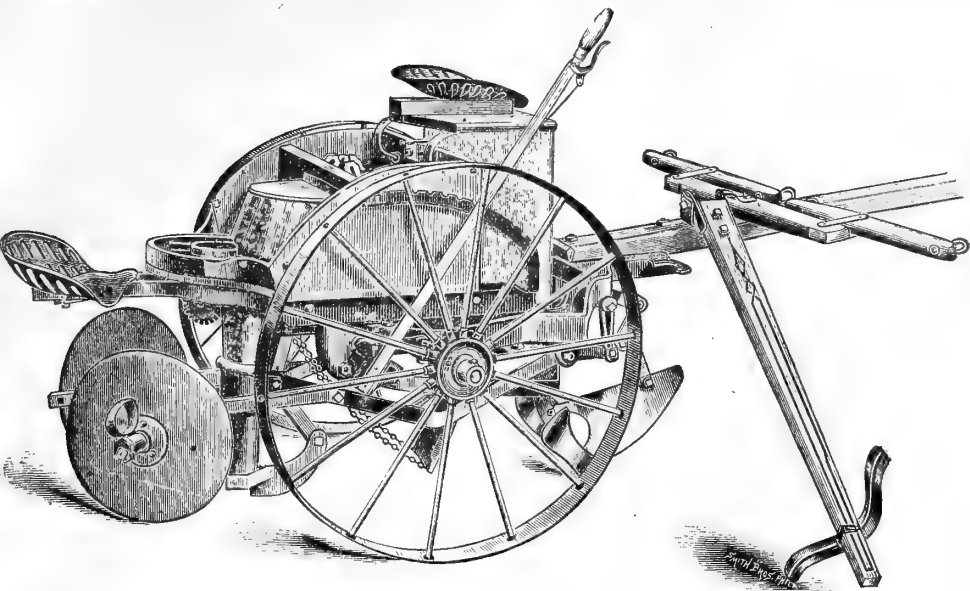
### Price List Davis Swing Churns.

No.			
1.	cap. 7 gal., churn	3 gal. or less,	\$7 00
2.	" 10 " "	5 " "	8 00
3.	" 16 " "	8 " "	10 00
4.	" 24 " "	12 " "	12 00
5.	" 30 " "	15 " "	15 00
6.	" 40 " "	20 " "	18 00

Oak Dash Churns, Stone Dash Churns, Davis Swing Churns, Dog Powers, Perfection Faucets, Butter Workers, Skimmers, Butter Carriers, Butter Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges.

**Dog Power Complete with Attachment, \$16.00**





## THE IMPROVED ROBBINS POTATO PLANTER. : :

A machine that is completely and thoroughly successful.  
Has none of the faults of other planters, and does better work than  
planting by hand.

No More Dread of Potato Planting Time . . . . .

FULLY GUARANTEED.

Call and See It or Send for Book.

Will plant Potatoes, Beans, Corn, Peas, etc., with or without Phosphate.

### PRICE.

With Fertilizer Distributor,	-	-	-	-	\$65 00
Without " "	-	-	-	-	55 00
Pea and Corn Sower Attachment,	-	-	-	-	5.00
Leveler Attachment,	-	-	-	-	1.25

### Read These Testimonials.

Mr. Ebeling, Syracuse, N. Y.

OSWEGO FALLS, N. Y., Oct. 24, 1895.

Sir—There cannot be too much said in praise of the Robbins Planter. In the first place it leaves the seed in a nice, mellow seed bed, and then when you get a row planted you are certain that it is planted not with a lot of slips. And then it leaves the seed covered in a ridge just right for the weeder to clean the weeds out of the row, so there is very little hand labor to be done. Take it all around I think it is just right, and it will drop 80 per cent. of the seed correctly without the assistance of the boy. We have got this year where we planted 12 inches apart in the row, 400 bushels of as-sorted potatoes to the acre, and a part of it is due to correct planting.

Yours,

C C WILCOX.

F. H. Ebeling, Syracuse.

FULTON, N. Y., Nov. 4, 1895.

Dear Sir.—In answer to yours of the 22d would say that I am perfectly satisfied with the Robbins Potato Planter and would have no other, and Mr. Baker has used it and he is well pleased with the way it works, and what is more the agent for the Aspinwall Planter said that he liked it better than the one he was selling.

Yours truly,

W. SYLVESTER.

F. H. Ebeling, Esq., Syracuse, N. Y.

WEEDSPORT, N. Y., Nov. 1, 1895.

Dear Sir.—It gives me pleasure to state that the Robbins Potato Planter bought of you last spring is a complete success in every sense of the word. Every one that saw it work will willingly bear witness to the above.

Yours truly,

T. A. MITCHELL.

## Beat This if You Can. Premiums at All Fairs.

**FARMERS OF 10-DAY.** One man does the work of twelve and need not stoop down either.

THE LENOX  
WHEN FULL  
50 LBS.

FOR  
POTATO  
BUGS



**Prepare Your Paris Green or London Purple** in a pail or barrel of water. One teaspoonful to the pail, make a paste of it, and then mix it good that no little lumps are left, fill the apparatus and stand it on a bench or barrel. Put it on your back and proceed with your work. You will do more work than twelve men with a whisk broom. Move your hand from right to left, etc. You will find that you sprinkle your potatoes as fast as you walk, from 12 to 15 feet on each side of the path, and your vines will look as if covered by a fog or dew. The spray is controlled in your own hand. You can spray far or near as you wish, **NO WASTE WHATSOEVER.** No large drops like from the whisk broom or other methods, which largely hurts the plants.

For the **COTTON WORM**, **CABBAGE WORM**, **Tobacco Plants**, etc., use in the same manner. For shrub berry, young fruit trees, hops and grape vines, turn the rose upward. You can throw a mist 12 to 15 feet high; you will get a regular misty shower or vapor spray on the underside of the leaves.

Spray stops by releasing pressure of the thumb.

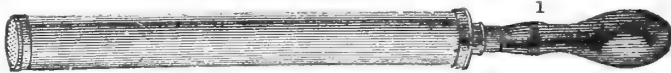
**FARMING OF THE PAST.**  
**THE OLD SLOW WAY.**  
With the Whisk Broom.



Obliged to stoop down. Two-thirds waste and a poor crop.

**AS FAST AS YOU WALK.** Impossible to show in print the distance you can spray or its fine mist.

**NOTE THE FOLLOWING**—Mr. Oney Sayles, of Bridgeport, says: "I sprayed my trees and picked 1010 bushels of apples, which brought me 25c. per barrel more than unsprayed fruit. My spray pump cost me \$8.00 and was the cause of saving me over \$100 cash. I used London Purple in spraying."



Syringes, \$1.00, \$2.25, \$3.00 and \$4.50.

**THE ECLIPSE**

## Vine and Plant Sprinkler

A New and Valuable Improved Water Sprinkler and Sifter Attachment.

Especially adapted for applying Paris Green, Water or Paris Green Powder Compounds, Plaster, Ashes, etc., to Potato Vines and Plants.

The Eclipse Sprinkler is now tried (over 10,000 in use) and thoroughly recommended as a universal necessity.

**PRICE COMPLETE.**

For Water and Plaster.....\$1.25  
Water only.....1.00

London Purple, Paris Green, Hellebore etc., at bottom prices.



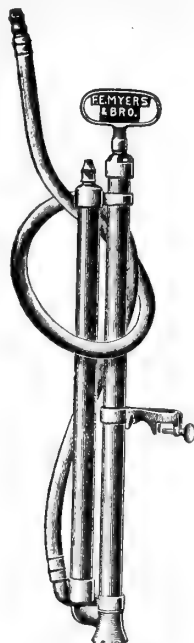
Price, \$1.25.



Price, \$1.00 and \$1.25.



Price, \$8.00.



Price, \$4.50. Myers Bucket Brass Spray Pump, with agitator, complete with Rose, Combination, Fine and Coarse Spray and Solid Stream Nozzles.

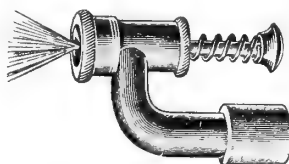
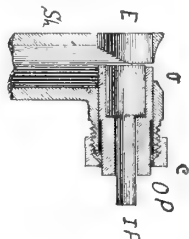
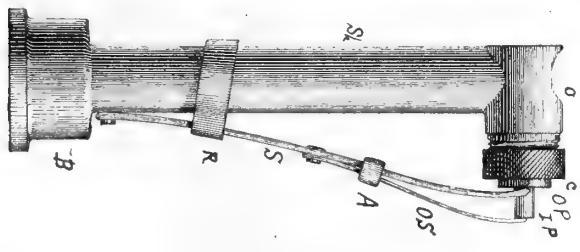


Fig. 552 is arranged with stuffing box, so that the liquid will not wet the operator while being used; fitted for  $\frac{1}{2}$ -inch male end or  $\frac{1}{4}$  inch pipe. Each nozzle is furnished with two caps, with different sized openings for coarse or fine spray.

Price, each . . . . . \$1.00.

The above fitted for  $\frac{3}{4}$ -inch hose.

Price, each . . . . . \$1.25.



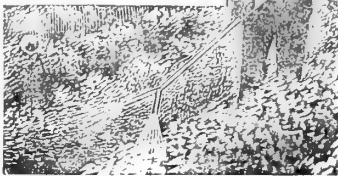
The Celebrated McGowan Nozzle, Price, \$2.50.

# LEGGETT'S GREAT Paris Green or Dry Powder Gun,

For Distributing Dry Insecticides and Fungicides.

## LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard,  
Garden or Potato Field.  
Distributes Paris Green,  
Sulphur, "Fungiroid," (a  
powdered Bordeaux Mix-  
ture) or any dry powder.  
**THOUSANDS IN USE**  
Illustrated Circular on  
application.



A  
Won-  
derful  
Inven-  
tion  
Light,  
Swift.  
Easy.  
Safe,  
Strong  
and  
Cheap.

May be used at any time of day on dry  
or wet foliage.

...Thousands In Use...

Distributes Green, London Purple,  
Hellebore, Sulphur Lime, "Fungiroid,"  
Tobacco Dust, &c.

Destroys Potato Bugs and all insects,  
Prevents Blight . . . . .

For the Farm, Orchard, Vineyard and  
Garden . . . . .

Sure, Rapid, Safe, Strong and Cheap.

. . . Poisons . . .  
are more effective when applied Dry.

## PARIS GREEN AND FUNGIROID KILLS POTATO BUGS AND PREVENTS BLIGHT IN ONE OPERATION.

Saved enough on one acre of potatoes this season to pay for the machine. Think the Gun cannot be  
beat.

I covered two acres of potatoes in 55 minutes, that is a fact. \$10 would not buy my Gun.

LEA B. TUTHILL, Suffolk Co., N. Y.

We have had two of these machines at work on thirty acres of potatoes and must say that only words  
of the very highest praise can be spoken of them.

H. W. SANFORD, Supt. Springside Home, New Haven, Ct.

I planted fifty acres of tobacco and have kept the worms off with your Gun and have not used it all  
the time. Treated from seven to nine acres per day. It will save me \$50 on this crop.

H. A. BUSH, Manager for A. J. Ives, Hampton Co., S. C.

Used your Gun on Tomatoes. It worked to a charm. Also on pear, peach and plum trees from 10 to  
16 feet high. Used Paris Green and Lime. Do not know how much it has saved me but would not do  
without it. 500 trees can be dusted per day.

E. R. SHANKLAND, Jennings, La.

Consider your Gun has saved me on potatoes and Cabbages about \$10.

HENRY T. CAMERON, Delaware Co., N. Y.

I have one of your Dry Powder Guns and like it very much. We are now treating our orange trees  
with dry Sulphur, and find the Gun just the thing.

A. L. FELTON, Volusia Co., Fla.

## DIRECTIONS

Keep the *working parts* well oiled. Use oil between the *cog wheels*. Before filling the reservoir, see  
that the gauge connected with the thumb screw is *closed*, and kept closed when not in use. To distribute  
Pure Paris Green or Purple, open slide about the thickness of a sheet of note paper. The quantity  
discharged should hardly be perceptible; when mixed with flour, lime, etc., about 1-16 to 1/8 inch. If  
the powder drops into the barrel faster than discharged, the slide is *open too far*. The material *must*  
*not* be damp, but *dry powder*. The gauge shows how far the slots are open without looking inside. On  
Potatoes use 1 1/2 lbs per acre to kill Bugs and prevent Blight. One t. two acres may be dusted per hour  
with the Gun. *Codling Moth* attacks apple, pear and quince. Apply as soon as blossoms fall, again in  
ten days, and a week later. *Plum Curculio*. Apply before the tree blooms and three applications after  
blossoms fall, at intervals of a week or ten days.

## INSECTICIDES

Tobacco Soap, per pkg.	35 and 25 cts.
Soluble Fir Tree Oil, per can.	\$1 25, \$1 50
Whale oil Soap, per pkg.	5 and 10 cts.
Fir Tree Oil Soap, per pkg.	25 cts
Slug Shot.	.6 cts. per lb.

London Purple.	25 cts per lb.
Chloride of Lime, per pkg.	5 and 10 cts.
Hellebore, per pkg.	10, 15 and 25 cts.
Grape Dust, per pkg.	50 cts.
Paris Green.	30 cts. per lb.

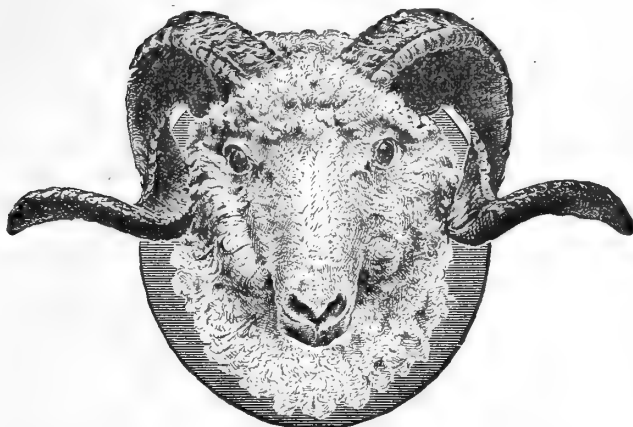
❖❖❖ See Our New All Steel Plow ❖❖❖

Visit Our Tin Shop and Bring Your Work.

# Lawn Seed, Pure Ground Bone and Sheep Fertilizer

Sheep Fertilizer for Plants and Lawn Dressing.

Quick, Lasting and Economical.



This is a Plant Food of great merit, carefully prepared with a view of supplying a Manure which shall contain all the elements necessary for the perfection of plant life. The ingredients have been so arranged that, while accelerating luxuriant growth, permanent benefits are secured by a continuance of nourishment to the plant. It is safe to use and suitable for every purpose where a fertilizer is required.

It is the only Manure we use on Lawns; it is absolutely free from foul seeds and a natural grass producer. Price, 10 lbs. 50c. 25 lbs. \$1.00. 50 lbs. \$2.00. 100 lbs. \$3.50.

## WEED SEEDS IN COMPOST,

There is a popular idea that rotting manure in large heaps entirely destroys the vitality of weed seeds they may contain. This as regards many fully ripened seeds is a mistake. They are very hard, and even when they pass through stomachs of animals are scarcely at all injured for vigorous germination. Many weed seeds are distributed by birds, the seeds passing through the gizzard unbroken and growing wherever the bird casts its droppings. To suppose that such seed must be destroyed by the heat of a manure heap is plainly an error. In the middle of the heap, the heat may be sufficient to destroy vitality of the germ, but on the outer edges and the larger portion if the seed is made unable to grow, it is more apt to be by starting the germ and then destroying it. In this way a manure heap turned twice or more may have most of its weed seeds destroyed, if care is taken at each turning to put the outside of the previous heap in the center of the new one.

CUT UP! PULL UP! PICK UP!

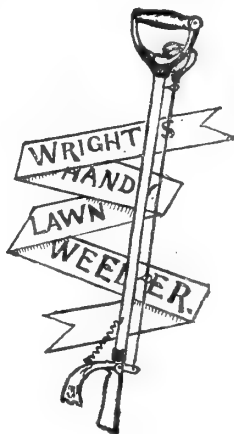
WRIGHT'S HANDY

## Lawn Weeder.

If you try me, you will buy me.

This little tool fills a long felt want, in that it is so simple that a child can use it. Until this was introduced last season, the hardest part of keeping the lawn was in removing the weeds, getting down on the knees or bending. With this there is no need of either, as it pulls them up and places them in the basket without any labor at all. No household should be without it, as it is equally handy in weeding and pulverizing the earth in the flower beds or garden.

Price 75c.





#### A STOCKBRIDGE GROUP.

Photograph of ensilage corn raised exclusively on Stockbridge Fertilizer by Whitmore Brothers, "Lookout Farm," at Wellesley Mass. W. C. Heald, Superintendent. The corn averaged 14 and 15 feet high, and in some places it grew as high as 17½ and 18 feet. Some of it was too rank. Applied at the rate of 400 lbs. per acre.

#### BOWKER'S HILL AND DRILL PHOSPHATE.

#### BOWKER'S AMMONIATED DISSOLVED BONE.

#### BOWKER'S FARM-GARDEN PHOSPHATE.

#### BOWKER'S SURE CROP PHOSPHATE.

#### BOWKER'S SUPER PHOSPHATE.

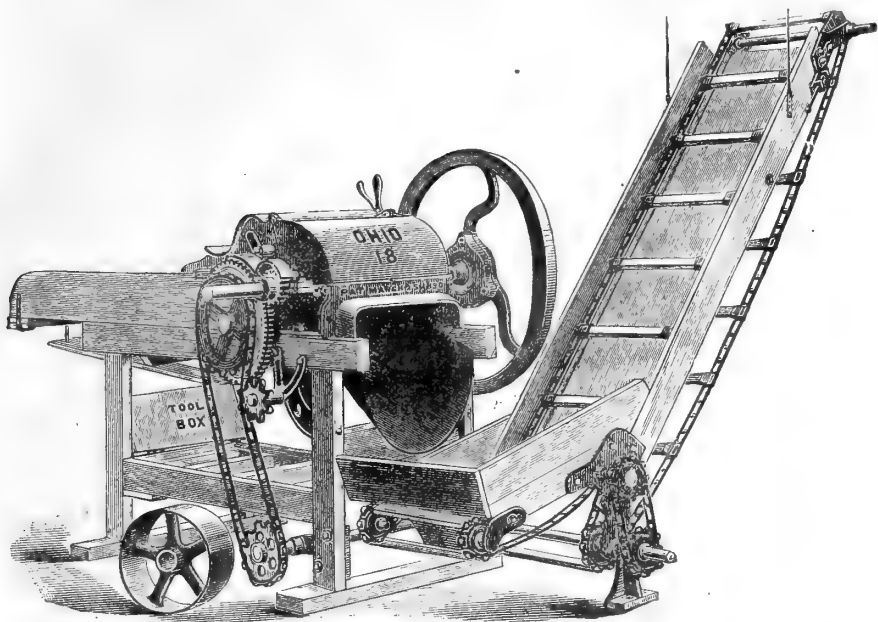
#### SPECIAL MANURES.

	FOR ONE ACRE WITHOUT STABLE MANURE*
Stockbridge Potato Manure.....	1,200 to 1,800 lbs.
Stockbridge Corn and Grain Manure.....	800 " 1,500 "
Stockbridge Vegetable Manure.....	1,500 " 2,000 "
Stockbridge Cabbage and Cauliflower Manure.....	1,800 " 2,500 "
Stockbridge Onion Manure.....	1,500 " 2,000 "
Stockbridge Vine Manure (not peas or beans).....	1,500 " 2,000 "
Stockbridge Pea and Bean Manure.....	1,000 " 1,500 "
Stockbridge Root Manure.....	800 " 1,200 "
Stockbridge Asparagus Manure.....	1,200 " 2,000 "
Stockbridge Celery Manure.....	1,700 " 2,000 "
Stockbridge Lettuce and Spinach Manure.....	1,500 " 2,000 "
Stockbridge Strawberry and Fruit Manure.....	1,000 " 1,500 "
Stockbridge Tobacco Manure.....	1,500 " 2,500 "

The above quantities recommended for one acre are without stable manure; but, if stable manure is used in connection with the Stockbridge, then a smaller amount can be used, depending on the amount of manure applied and its richness. About one-half the quantity of each is the rule.

\*The first column gives the usual quantities which farmers apply, and the second column the usual quantities which market gardeners apply.

We are sole agents for these celebrated Phosphates. Sold strictly for cash at a very close margin of profit. Fully guaranteed as being equal or superior to the best on earth.



## THE FAMOUS "OHIO" FEED AND ENSILAGE CUTTERS

Fully Guaranteed and Reasonable in Price.

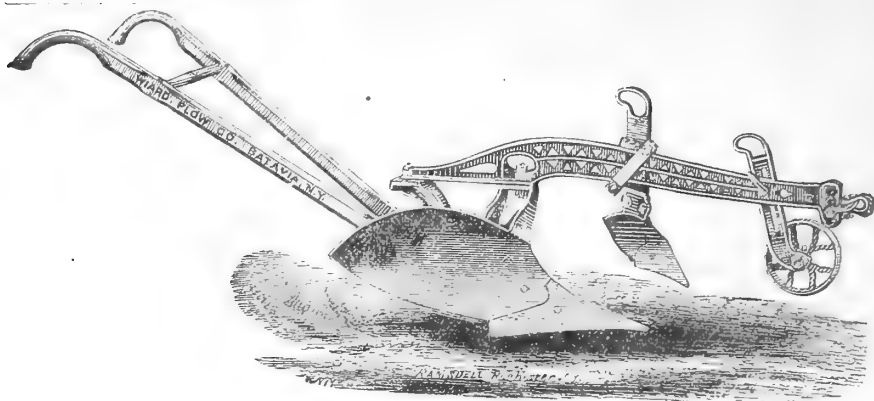
Full particulars and terms given at our store.

No.	Length of Knife	Number of Knives	Capacity per hour	Power	Cuts	Weight
7	7 in.	2	-----	Hand.	$\frac{1}{4}$ to $\frac{3}{4}$ in.	-----
9	9 "	4	-----	Hand.	$\frac{1}{4}$ to 1 "	-----
9	9 "	2	-----	Hand.	$\frac{1}{2}$ to 1 $\frac{1}{2}$ "	390 lb.
9	9 "	4	-----	1 horse.	$\frac{1}{4}$ to 1 "	390 "
11	11 "	2	3 to 4 tons	1 or 2 h'se	$\frac{1}{2}$ to 1 $\frac{1}{2}$ "	420 "
11	11 "	4	3 to 4 "	1 or 2 "	$\frac{1}{4}$ to 1 "	420 "
13	13 "	2	4 to 6 "	2 to 4 "	$\frac{1}{2}$ to 1 $\frac{1}{2}$ "	560 "
13	13 "	4	4 to 6 "	2 to 4 "	$\frac{1}{4}$ to 1 "	560 "
16	16 "	4	6 to 8 "	2 to 6 "	$\frac{1}{4}$ to 2 "	620 "
18	18 "	4	8 to 10 "	4 to 6 "	$\frac{1}{4}$ to 2 "	700 "
20	20 "	4	12 to 15 "	6 to 10 "	$\frac{1}{4}$ to 1 "	1300 "

We are sole agents for these Ensilage Cutters. Call and see us before purchasing. The above table will explain many features of the machine.

F. H. EBELING, Sole Agent.

**Bargains in Plows. See Pages 45 and 46.**



## WIARD'S CELEBRATED PLOWS.

**Wiard's Patent Adjustable Malleable Iron Beam Chilled Plow.**

**CENTRE DRAFT, RIGHT HAND.**

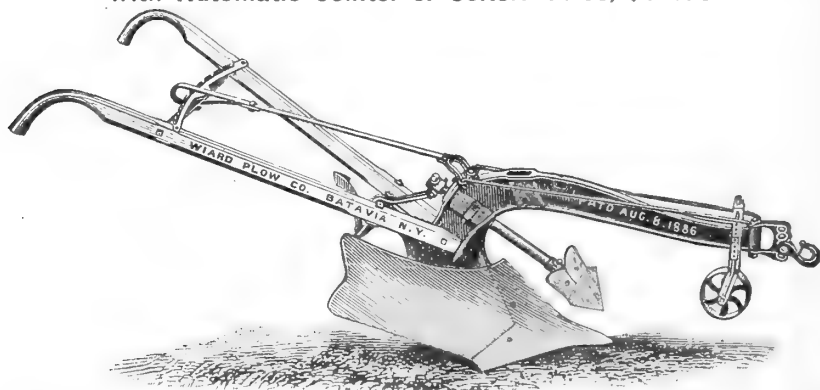
We have sold their make of Plows for years with great success; we carry in stock some ten sizes to suit all kinds of soil. We warrant each plow to do first class work when properly adjusted. After a day's trial in the field, if it fails to give satisfaction, notice must be given to us, and a day's time given to make it work as represented, failing in which the Plow can then be returned. If used longer than one full day the Plow will then be considered sold. We warrant the Malleable Iron Beams against bending or breaking for one year. We also warrant other Beams, Mold-boards, Landsides and Wheel and Jointer Standards against breakage from any flaw or defect in their manufacture during the current year.

**PRICE COMPLETE,**

**\$10.00.**

## THE WIARD SWIVEL PLOW.

**With Automatic Jointer or Colter. Price, \$12.00.**



**The Best Plow in the World** for hillside or flat land and for cutting roots, or use in rough or stony ground. The Colter is made of Steel, is adjustable in height, is easily kept sharp for cutting grass or other roots; draws easier than any other plow made and costs no more than if rigged with Jointer. We speak of this more especially for the reason that, wherever known, this Automatic Colter has given most perfect satisfaction, and our orders for it are much larger than ever before. *Whoever has a Wiard Swivel Plow with Automatic Colter and adjustable Clevis, needs no other Plow for any work on the farm.*

## PLOWS AND PLOW CASTINGS.

We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every Plow in use in this County. If you have an old favorite plow and want parts, call on us. If you wish to change and get the best running Plow you ever saw, call on us, we can suit any kind of soil. If you are not sure of the name or number of your Plow that parts are wanted for, bring along the old parts and we can fit you out. SEE PAGE 46.



## WE CARRY EXTRAS OR PLOW POINTS FOR THE FOLLOWING NAMED PLOWS:

Baldwinsville Plow.

Belcher & Taylor, Side Hill,  
Boston B,  
Champion,  
Climax,  
Curtis,  
Delano,  
Deer,  
Dutcher,  
Dutton,  
Elmira,  
Empire,  
Excelsior, Nos. 4, 8, 8½, 9, 10,  
Fayetteville Clipper,  
Gale,

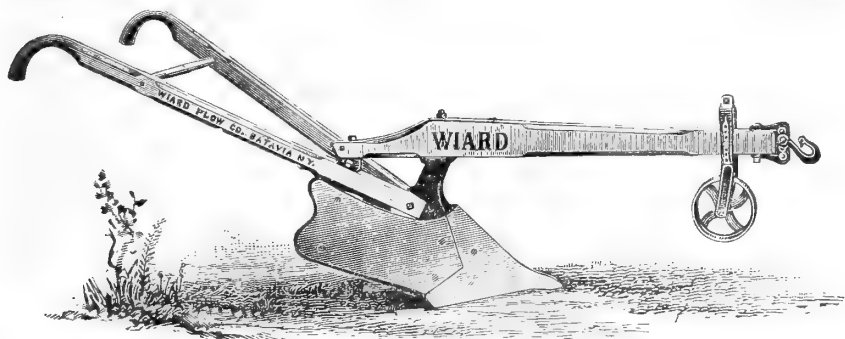
Holbrook,

Ilion or Remington,  
Kalamazoo Diamond Iron,  
Manlius Union,  
Manlius Side Hill,  
Mohawk Valley Clipper,  
Munnsville Nos. 5, 59,  
Munnsville Side Hill,  
Munnsville Ditcher Points,  
National Farmer,  
Norse Mas n Side Hill,  
Oneida Valley Clipper  
Nos. 1, 2, 2½,  
Oneonta Side Hill,  
Peekskill, No. 21,

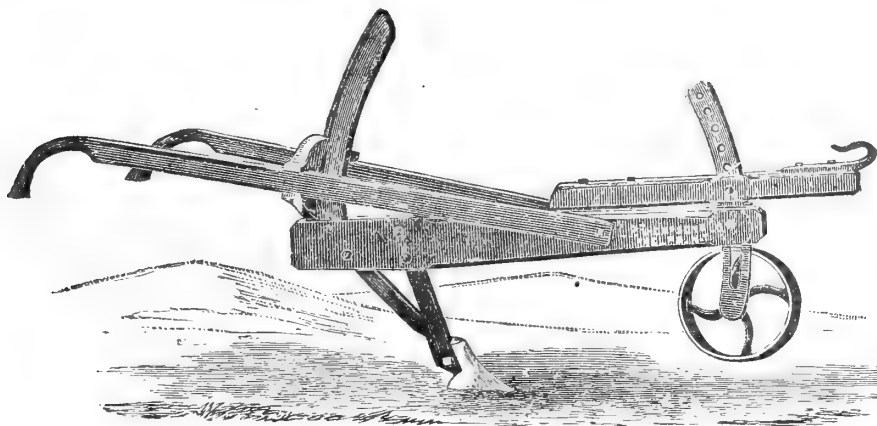
Pennsylvania.

Phoenix Double Mouldboard  
Remington or Ilion,  
Robinson, Canandaigua,  
Rough and Ready Side Hill,  
Shortsville,  
South Bend,  
Starbuck,  
Syracuse,  
Titus,  
Troy Peekskill, Nos. 19, 20,  
Wiard, Batavia,  
Wiard, Canandaigua,  
Yankee Side Hill.  
and many others.

If you have a broken casting and are not sure of the name or number, bring it in and we can perhaps duplicate it. We carry one of the largest lines of Plow and other castings of any house in the State.



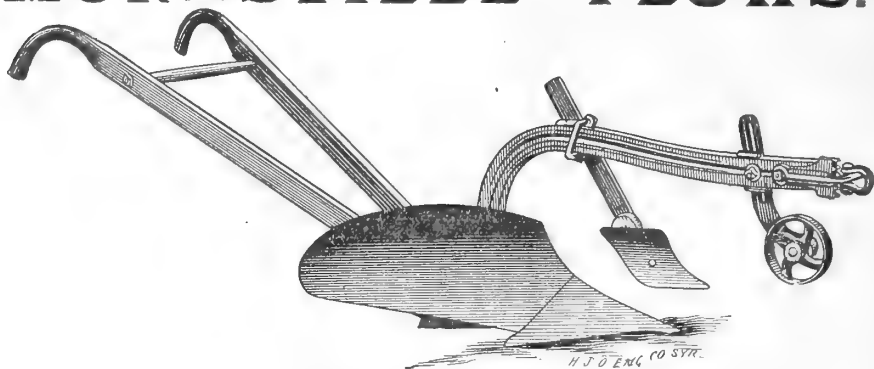
ONE-HORSE SWIVEL PLOW. PRICE, \$8.00.



DITCHING PLOW. PRICE, \$9.00.

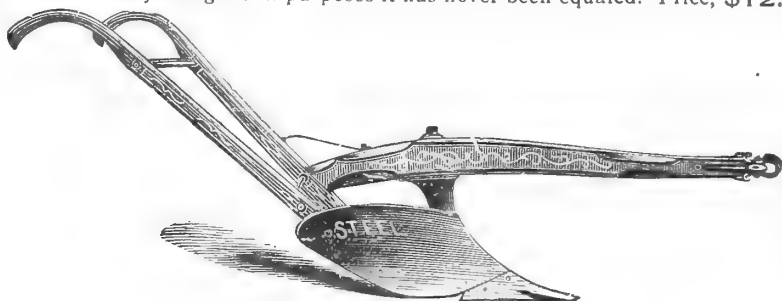
We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these Plows, says he would not be deprived of it for \$50.00. It is just the Plow for Ditching. Price of Plow complete, \$9.00.

# MUNNSVILLE PLOWS.



**Steel Beam Plow No. 10.**

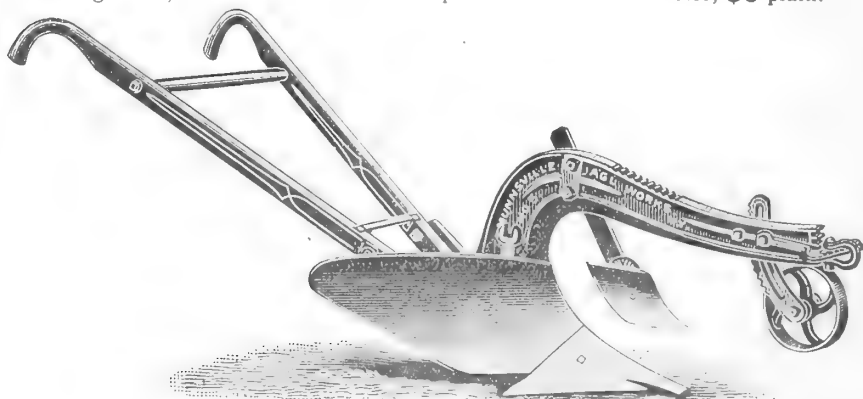
This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities, and pleasing general appearance. Although its imitators are many, for general purposes it has never been equaled. Price, \$12.50.



**Oneida Valley Clipper, No. 2 I-2.**

This is a light one-horse Cast Steel Plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. Price, \$8 plain.

This cut also represents our new 2½ Chilled Plow, and is one of the best one-horse plows in the market. The large increase in the sales of this plow the past season is the best evidence of its superiority. Our 1881 attachment to this plow, with the swing beam, makes the best one-horse plow in the market. Price, \$6 plain.



**Improved No. 5 Chilled Plow, Price, \$10.00.**

Unquestionably the best plow made. New Plows, New Cultivators, New Rollers with all the latest improvements.

A 100-foot Rope Ladder For Sale Cheap.

# BAUM'S HORSE AND CATTLE FOOD

## FULL WEIGHT.

**Every package warranted**, with a written guarantee. If not as represented the money will be gladly refunded. Every pound will be sold this way.

This is by far the most economical Cattle Food ever offered to the public. Comparison of size of dose and cost of the food with any other, will show ours to be the cheapest per hundred doses. It contains nothing but absolutely pure remedial substances, and is not made bulky with wheat bran, middlings other useless material in order to give large bulk for the money.

2 lb. Sample Size.....	25c.
10 lb. Wood Box .....	\$1.00.
25 lb. " .....	2 25.
50 lb. " .....	\$4.37 1/2.
100 lb. Boxes or Barrels.....	\$8.50 per cwt.

We can recommend this Food to our customers as an article of merit. Try a sample package and be convinced.

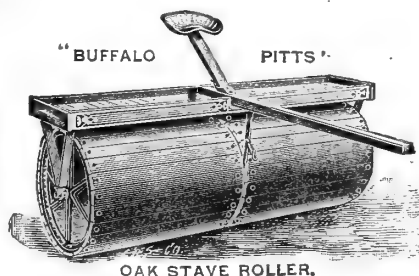
## Oak Stave Roller.

28 inch, two sections.....\$25.00

## Steel Roller.

26 inch, two sections.....\$30.00

Lawn or Garden Rollers...\$8.00 to \$12.00



OAK STAVE ROLLER.

# THE CYCLONE CORN SHELLER.

## Several Reasons why you Should Have One.

- 1st. It is cheap, simple and effective.
- 2d. It is fully warranted against breaking or getting out of order by any fair usage.
- 3d. It takes less power to do the same amount of work than any other machine of its size ever made.



Sample Machine with clamp \$2.75

- 4th. All the tools that are required to adjust the machine is a small wrench.

- 5th. It has no small springs or small parts to break loose or get out of order.

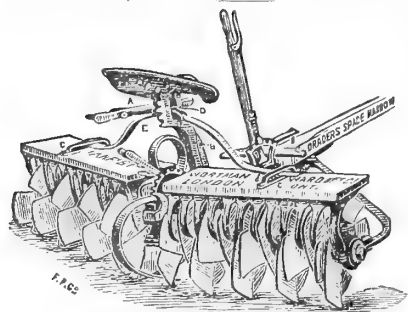
- 6th. There is no time lost after you are through shelling by picking the cobs out of the shelled corn, as the machine takes the corn all off the cob, drops the corn in the box or basket, takes the cob on around and throws it off at the back.

- 7th. By a little practice with it you can easily shell one bushel of ears in about 4 minutes or less. The sheller is small but will do the work of many a larger machine.

- 8th. The spring can be adjusted to any tension required and can be loosened when not in use, thus avoiding and chance of its giving out.

*A sheller wrench accompanies every machine.*

**SEE OUR LINE OF PLOWS.**



## CUTAWAY

## Spading &amp; Pulverizing Harrow

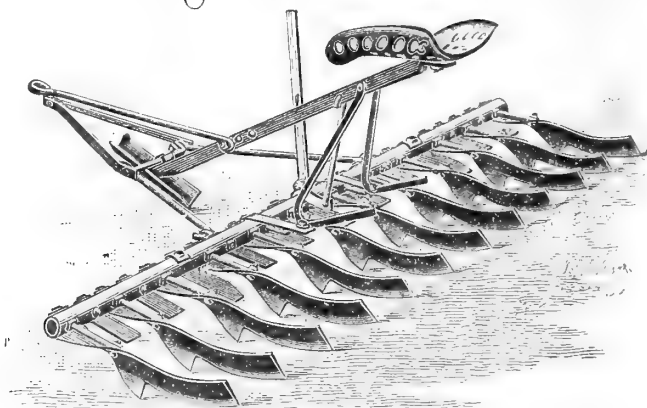
NO FARMER CAN FARM IT AT A PROFIT  
WITHOUT ONE.

They pulverize all lumps, place sods below the surface, bring the finest dirt to the top. Will cover grain nicely and are the best all-round Harrow in use.

PRICE REDUCED FOR 1896.

Write for circular and prices if you do not visit us and examine the tools and be convinced.

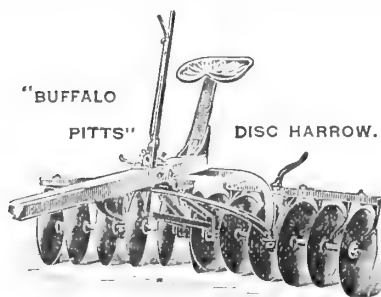
## "Acme" Pulverizing Harrow, Clod Crusher and Leveler.



Price, \$13 00. Warranted Against Breakage for One Year.

The "ACME" is the cheapest riding harrow in use—in fact it costs about the same as an ordinary drag, and is, therefore, within the reach of all who have use for harrows. Being made entirely of cast steel and wrought iron, it is indestructible. Nothing but the coulters can possibly wear, and these are readily replaced at trifling cost.

## All Steel, Flexible, Disk Harrows.



A decided improvement in disk harrows.

Has a light and very strong steel frame.

Is perfectly flexible either as an out-throw or an in-throw harrow, or can quickly be made rigid if desired.

It can be almost instantly put together, or taken apart for storage or transportation.

It has the best scraper mechanism ever put on a disk harrow.

The frame and driver's seat are high, yet the draft is from the center of the axle, by means of the steel draft rods. Price, \$22.00.

## The "IRON AGE"

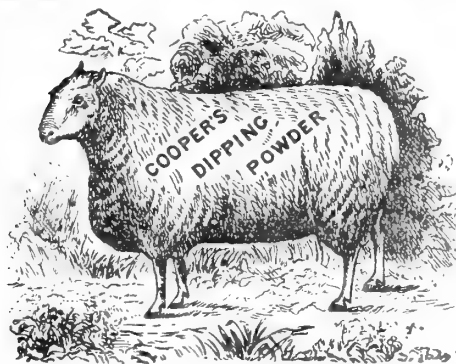
Pivot Wheel  
Cultivator.

Price, \$30.00.

Complete with one pair Plows, Shields and Fallow Tooth Attachment.  
Straight Axle, \$5 00 Less.

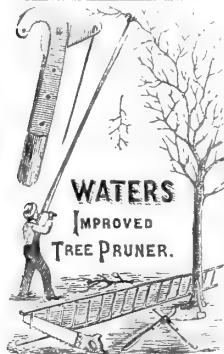
## WE SELL THE

## Cooper's Sheep Dipping Powder.



THE Finest in America, used by all the Ranchmen in the West, sure cure for Scab and Ticks. We could show you a list of testimonials a yard long if necessary, but think those we add from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at Factory price, 50 cents and \$2 00 a package. Small packages will make 25 gallons. Large packages 100 gallons ready for use.

An unprecedented demand has set in all over the States for our celebrated Cooper Sheep Dip, consequent upon the favorable verdict of Sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.

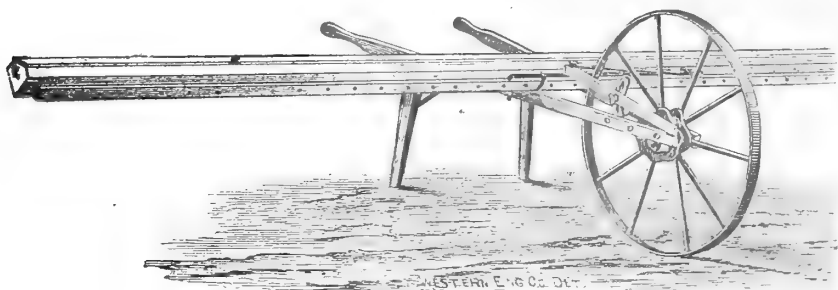
*Water's Improved Tree Pruner.*

A good Pruner is an indispensable article to every one who cultivates a single fruit tree, and the WATERS PRUNER is the best one yet offered. It is without a competitor for favor.

These PRUNERS can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:—

Length of pole, 4 feet, weight	2½ lbs.	\$1 25
" " 6 " "	2¾ " "	1 25
" " 8 " "	3¾ " "	1 25
" " 10 " "	4½ " "	1 50
Extra knives, unpaid	each,	35

## WHEELBARROW SEEDERS.



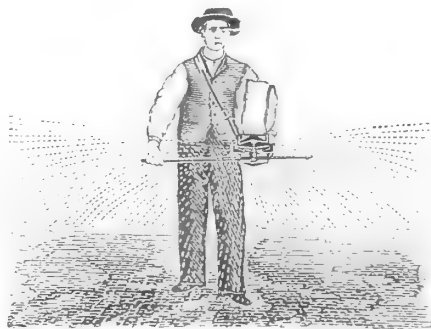
With Rubber, Wire or Twine Distributors. With Wooden or Iron Frame

They can be worked by anyone who can run a wheelbarrow.

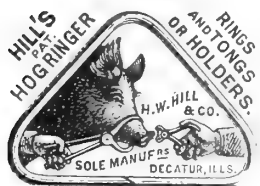
PRICE, \$6.00 TO \$8.00 EACH.

## Broadcast Hand Seed Sower.

FOR SOWING CLOVER,  
TIMOTHY, WHEAT, RYE,  
BUCKWHEAT, RICE, FLAX,  
OATS, MILLET, GRASS SEED  
ETC., ETC.



PRICE, - - - \$2.25.

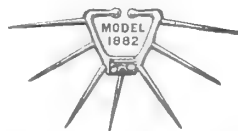


Calf Weaner.

No. 1. .... 30c.

Cow Weaner.

No. 2 ..... 50 and 75c.

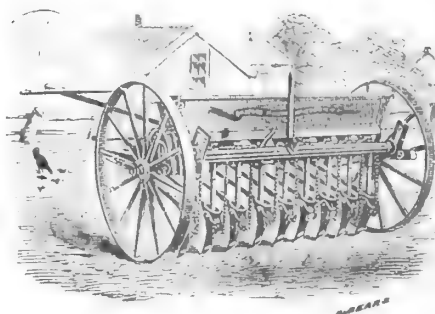


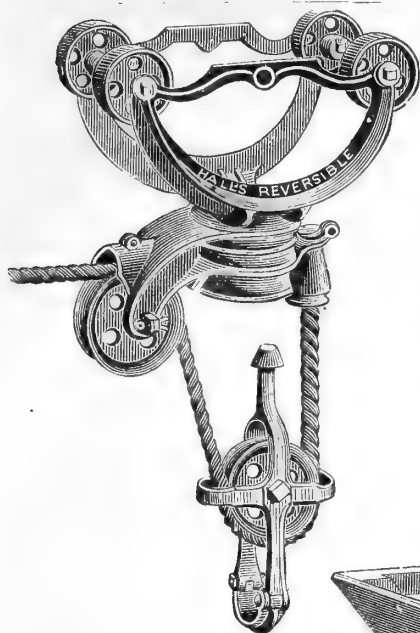
## EMPIRE DRILLS. ::

:: Prices Low. Call and See Them

We keep in stock all the extras for the Empire Drill.

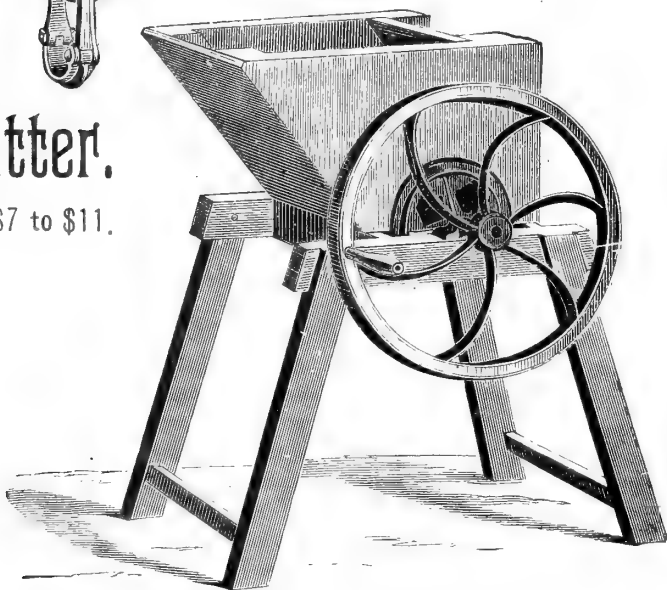
We can furnish the extras also for the Farmers' Favorite, Crown, Warner and other Drills.





## Root Cutter.

Price from \$7 to \$11.



## Hall's Reversible Car.

**Is Made Entirely of Malleable Iron,  
Light and Durable. It Runs  
Both Ways on the Track  
Without Changing.**

PRICE.	-	-	-	-	\$6.00
--------	---	---	---	---	--------

This car runs on a wooden track, 4x4, or it can be made of two by four nailed together, suspended by the Iron Hooks, which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at a small expense.

Double Harpoon Forks .....	\$1 00
Pulleys in Wood and Iron .....	25c. each
Rope, best Manila, at lowest prices.	
The Kershaw, Iron Rod Car .....	\$6 00
The Ney Hay Car, for wood track. .	4 00
The Sprout Car, for wood track ..	4 00
The Bullard Hay Tender .....	35 00
The Ward Horse Rake .....	21 00
The Taylor No. 4 Horse Rake .....	20 00

We have the Teeth for these Rakes  
and Tedders.

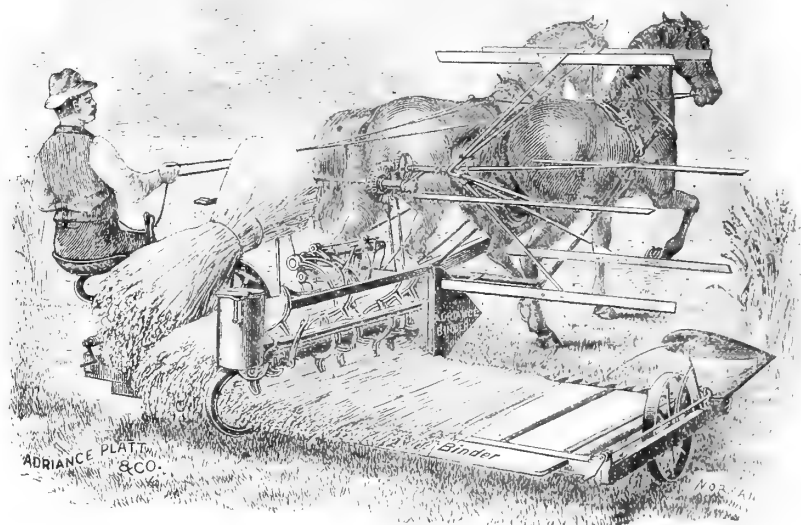


THE FOLLOWING SIZES OF TILE ALWAYS ON HAND.

<i>Size</i>	<i>Inch Rise, Sole Tile</i>	<i>Weight Each.</i>	<i>Per M.</i>
2½	.....	3 lbs.	\$12 00
3	.....	4 "	15 "00
4	.....	5 "	20 "00
5	.....	7 "	35 "00
6	.....	9 "	50 "00
¾	.....	12 "	70 "00
3½	Horse Shoe Tile.....	4 "	15 "00
5	.....	5 "	20 "00
6	.....	6 "	30 "00
8	.....	8 "	40 "00

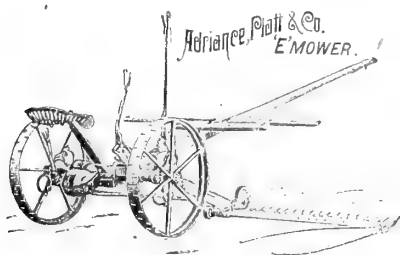
Length of Tile.....about 14 inches.

on the lines of the shipping facilities. New York C. & H. R., the West Shore R. R., and Erie Canal, gives us exceptional



## ADRIANCE REAR DISCHARGE BINDER.

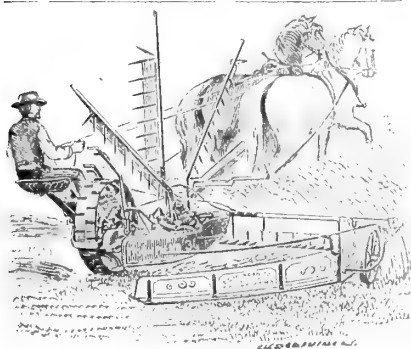
The only Binder in the market that *two horses* can handle with ease.  
 The only Binder that is perfectly safe to run on our *rolling grounds* without tipping over. Built of the best MALLEABLE IRON AND STEEL, with less than half the machinery of any other binder in use.



## BUCKEYE

### *Mowers and Reapers*

Extras always on hand for all the Buckeye Machines at Poughkeepsie, N. Y., as well as other Machines.



## TRIUMPH REAPER,

This Reaper is well known in this vicinity and we shall be able to supply the Extras as well as the Reaper in the future at our store, we having been appointed the agent for this vicinity.

We carry a full line of  
**MOWER  REAPER EXTRAS.**



Flesh and Milk Producers.

# Nutriotone

A Perfect Food  
Auxiliary for

Horses, Cattle, Sheep  
and Swine.

Refer to the following who  
use NUTRIOTONE.

W. K. Niver & Co.,	-	City.
D. E. Petit,	-	"
Adelbert Seager,	-	"
Millspaugh & Green,	-	"
Geo. West,	-	"
Penn Spring Works,	-	"
B. B. Andrews,	-	DeWitt
W. H. Peck,	-	"
Geo. Redhead	No.	Syracuse



## HORSES.

If your horse is off his feed, hide bound, blood out of order, over-worked, has distemper, pink eye, colds, coughs, heaves, worms, botts, kidney, liver or lung difficulties, scratches, collar galls, pimples, or needs toning and building up **Nutriotone**. It keeps horses in healthy condition and gives them greater power of endurance, helps the wind, and they will render better and more valuable service, which **PAYS**.

## DIRECTIONS FOR USING.

Mix two tablespoons or one measure full, night and morning, with feed of grain or chop stuff, dampened with water, and in a few weeks' time your horse will show so great an improvement, people will think you have a new animal.

One-half the quantity fed twice daily will aid digestion, tone the stomach, prevent colic, distemper and other diseases, and keep the animal in a thrifty condition.

## FOR COWS.

Mix two tablespoons or one measure full with each feed of grain, meal or chop stuff, dampened with water, and in two or three weeks you will be agreeably surprised at the increased quantity and improved quality of milk, as well as the general health, condition and productiveness of the animals.

For cows that have aborted, we would suggest that the same amount with each feed, scalded in their bran or mill stuff, would be advisable first, and if kindly, regularly and strictly cared for and fed, you will be much pleased at their becoming strong, vigorous, healthy animals, producing their regular mess of good milk.

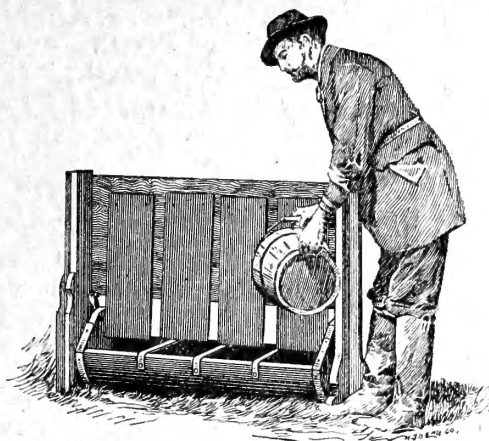
## FOR SWINE.

Mix a tablespoon with the usual milk, slop or feed (scalded if convenient), for one, and they will thrive amazingly, and fatten in two-thirds the usual time. They will eat, lie down, and be happy. For breeding sows and feeding pigs it has no equal.

## NUTRIOTONE

is a sure Preventive of Cholera and other diseases the hog is heir to, if fed regularly.





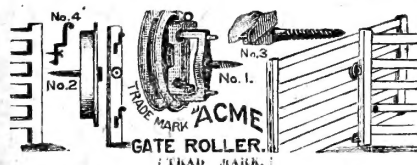
Outside of Pen. Pouring in feed equally along its full length.

### Feeding Trough for Swine and Calves.

This Trough has several advantages. It is adjustable to suit Pigs, Shoats or Hogs. They can not get their feet into it to foul or waste the food, giving the weak an equal chance to get their share of food. It saves food. No fouling of food by dirty feet. Hung on pivots, it can be set to any angle for Pigs, Shoats or Hogs. Convenient for feeding calves, each having its own space, eating quietly without fear of being pushed aside by the stronger.

These Troughs are Made with Hard Wood Ends and Iron Covering,  
... Convenient and Durable ...

SIZES.		PRICES
30 Inches in Length, 2 Divisions,		\$1.85.
45 Inches in Length, 3 Divisions,		2 35.
60 Inches in Length, 4 Divisions,		3 00.



GATE ROLLERS AND TRIMMINGS.  
BEST GATE ROLLER EVER MADE.

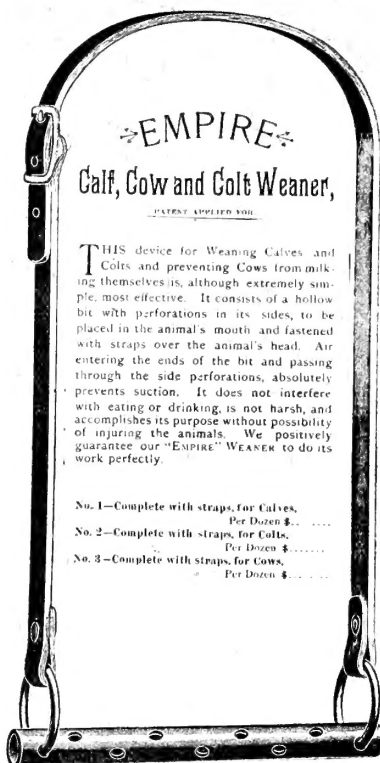
The above cuts show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate will run very easy. Any one with a saw and hammer can make a gate, any lumber answers, with these rollers one can have the cheapest and best gate in use.

16 foot double gate, two openings, 12 foot and 3½ foot, each made of 16 foot lumber will want wheels 1 and 2 screw slot No. 3 screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post, 13 foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

### PRICE

6 inch wheel, single gate trimmings, price per set, 75c.

The cheapest, best and most durable gate ever made. Always ready for business, winter or summer and will last a life time. We have a limited number of these Gate Rollers and Trimmings and offer same at a bargain.



THIS device for Weaning Calves and Colts and preventing Cows from milking themselves is, although extremely simple, most effective. It consists of a hollow bit with perforations in its sides, to be placed in the animal's mouth and fastened with straps over the animal's head. Air entering the ends of the bit and passing through the side perforations, absolutely prevents suction. It does not interfere with eating or drinking, is not harsh, and accomplishes its purpose without possibility of injuring the animals. We positively guarantee our "EMPIRE" WEANER to do its work perfectly.

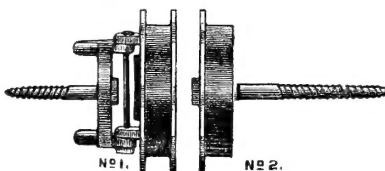
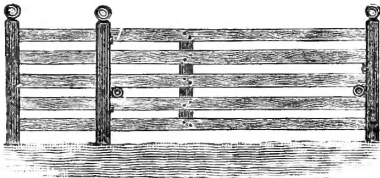
- No. 1—Complete with straps, for Calves,  
Per Dozen \$.....  
No. 2—Complete with straps, for Colts,  
Per Dozen \$.....  
No. 3—Complete with straps, for Cows,  
Per Dozen \$.....

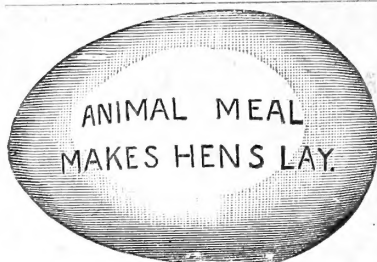
The following is a recent testimonial:

Navarino, N. Y., Nov. 15 1895.  
Syracuse Specialty Mfg. Co., Syracuse, N. Y.  
Gentlemen—We as members of Excelsior Grange, Navarino, N. Y., after a thorough test of your "EMPIRE CALF AND COW WEANERS," can heartily recommend them, an assurance all purchasers that they are a perfect success. They do not interfere with eating or drinking, and an animal wearing one positively cannot suck.

(Signed) F. X. WOOD, Master of Grange.  
J. W. MERRILL, WM. B. TUCKER,  
JONATHAN WYCKOFF, JAMES B. MCCABE,  
MYRON D. AMIDON, W. C. FISH.

Price, No. 1, 40c. No. 2, 50c. No. 3, 75c.



**Bowker's Animal Meal is better than Scraps**

Because it is finer, cleaner, contains less water and is more thoroughly cooked and easily digested.

**Bowker's Animal Meal is better than Bone**

Because it supplies bone in connection with thoroughly cooked meat.

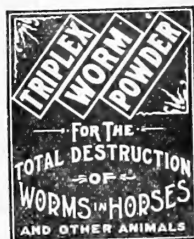
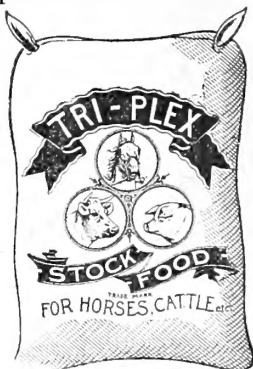
**Bowker's Animal Meal is better than Shells**

Because it supplies the lime necessary for the shell of the Egg, besides the constituents required to make the meat of the egg.

**Bowker's Animal Meal is a Good Thing** because it is *all food*, and it is cheap. You buy no waste in it. The Connecticut Experiment Station's analysis shows it contains more protein than any other food of its nature tested. This means *value*.

... If you find our Animal Meal is not what it is represented to be, **SEND IT BACK.** We guarantee all our goods...

It is a true egg-producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require, and completely takes the place of all other animal food, as well as cracked bone and oyster shells. It is not a medicine. It is fed with other foods. Every poultry-keeper should have our little book, "The Egg," and testimonials. Sent free to any address by dealer who sends you this catalogue. Price, 3 cts. per lb., or \$2.50 per 100 lbs.



**TRI-PLEX FOOD FOR POULTRY AND HORSES**... A great preparation... Does the business... Absolutely guaranteed... We are sole agents in Syracuse for Wm. Rust & Sons, manufacturers of Rust's Tri-Plex Poultry Food, Rust's Roup Pills and Rust's Celebrated Worm Powders.

## Lambert's • Death • to • Lice

## A DISINFECTANT INSECT POWDER

This preparation will rid your fowls of all vermin, causing them to be healthy and profitable. It is both cheap and effectual. You cannot see the lice on the poultry unless you look where they are, which is usually among the fluffy feathers beneath the vent. Ticks on sheep will disappear when treated with this powder. It kills hog lice instantly.

If you keep a horse you need it. Lice on a horse will worry the animal until they kill him. Cattle often get lousy and this remedy is a safe and certain cure. In fact, lice on anything can be exterminated by the use of this remedy. Much depends on keeping the poultry house clean by using kerosene on the roosts, whitewash on the walls, and at the same time the powder on the birds themselves and in their nests.

Setting hens well dusted during incubation will bring off a healthy brood that will need no pampering to make them grow.

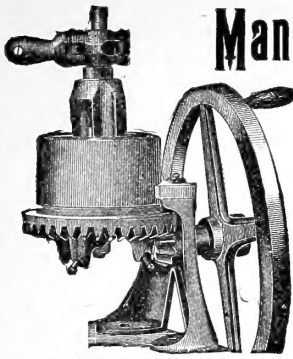
Furs and carpets are never moth eaten where this powder has been applied.

... Used in nearly, if not every State in the Union, Canada, British Columbia and Mexico...

**Price, 15-Oz. Box, 25 Cents.**

Always to be used externally... Nothing that will harm animal life... They will not eat it... Full Directions with every package.

A Orders taken for Plymouth Rocks and Leghorns. Also Eggs for setting. Particulars on application.



# Mann's Celebrated Bone Mills.

**Cheap, Durable and Practical.**

We offer the Best Bone Mill on the Market.  
*Fully warranted against breakage for two years.*

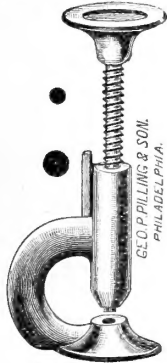
The only Machine that will cut green bone fine enough for Bantams and little chickens.

PRICES, \$5.25, \$7.25, \$10.25, \$12.25, \$19.00, \$23.00,  
\$26.50, \$75.00.

**Call and See Them.**

Poultrymen can *double their profits* by caponizing their chicks. The operation is very simple—the instructions so full and explicit that any man, woman or child, after a careful reading, will be able to perform the operation. It is highly successful from every point of view. The demand for Capons far exceeds the supply, the price per pound being *twice as much* as for ordinary chicks. The object of Caponizing is to largely increase the weight of fowl, causing them in many cases to grow as large as turkeys and weighing from 10 to 15 pounds, to make the meat a finer and sweeter flavor and very juicy and tender. *Again, Capons are worth \$1.00 to \$1.50 more than cocks not Caponized.* They are much quieter in disposition. A cock in chasing around the yard will run off flesh almost as fast as put on. In the more quiet Capon the same amount of food goes to make flesh, bone and profit. With the proper instruments Caponizing is a simple lesson, wholly mastered by a few moments study.

Complete with instructions, \$2.50. We send "COMPLETE GUIDE FOR CAPONIZING" with every set. The Philadelphia Poultry Marker, nickel plated, two sizes, 25 cents each.



Animal Meat, 3 cts per lb. .... \$2.50 per 100 lbs.  
Beef Scraps, 3 cts. per lb. .... \$2.50 per 100 lbs.  
Oyster Shell, 100 lb. sacks (no charge for bag) ..... \$1.00  
Bone Meal per lb. .... 3 cents  
Fine Bone for Cattle ..... 4 cents  
Granulated Bone per lb. .... 3 cents  
100 lbs. .... \$2.50

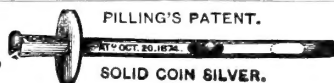
Our Bone Meal and Crushed Shells are expressly manufactured for fowls from superior stock, pure and sweet. Our bird seeds, etc. are pure, fresh, and of excellent quality. We guarantee satisfaction as to quality of goods.

Prolific Egg Food, 1 lb. package ..... 25 cents  
" " 2 1/2 lbs. .... 50 "  
" " 5 lbs. .... 90 "  
Pratt's Egg Food, ..... 25 "  
Rust's Egg Food ..... 25 "  
Harvell's Condition Powders ..... 25 "  
Pratt's Food for Horses, 12 lbs. 75 cents,  
25 lbs. .... \$1.00  
Drinking Fountains for Poultry, 40 to 75 cents

China Nest Eggs, per dozen ..... 30 cents  
Poultry Netting, all sizes per sq. ft. .... 1 cent  
Haven's Roup Pills, per box ..... 25 cents  
Lambert's Death to Lice ..... 25 "

**BIRD SEED, ETC.**  
Shepard's Song Restorer ..... 25 cents  
Audubon's Iron Bird Tonic ..... 25 "  
VonMuller's Mocking Bird Food ..... 30 "  
McAllister's Bird Lice Destroyer ..... 25 "  
Lettuce Seed for Birds, per oz ..... 10 "  
Red Peppers ..... 10 "  
Cuttle Bone, per oz ..... 05 "  
Canary, best grades only, per lb. .... 10 "  
Parrot Seed, per lb. .... 10 "  
Sunflower Seed ..... 10 "  
Unhulled Rice ..... 10 "  
Rape ..... 10 "  
Millet, per lb. .... 10 "  
Maw ..... 25 "  
Silver Washed Gravel, per package ..... 10 "  
Mocking Bird Food, per can ..... 30 "  
Bird Song Restorer, per bottle ..... 25 "

## Milking Tubes.



FILLING'S PATENT.

SOLID COIN SILVER.

**For Sore and Obstructed Teats and Hard Milking Cows**

**DIRECTIONS**—The long rounded end of the tube is inserted in the orifice of teat, when the milk will flow without the use of the hands. It is best to wet the Tube with a drop of milk or water before using. Remove the tube when milk ceases to flow. If in some cases the obstruction is farther up the teat than can be passed by the regular length, you should have a longer tube, and as it can be made any length, answers for all purposes.

THE TWENTY SIXTH  
ANNUAL

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FLORIST,  
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